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A. W. LIVINGSTON'S SONS'

WHOLESALE LIST

1892

1892

"TRUE BLUE SEEDS"

FOR

MARKET GARDENERS.

A. W. LIVINGSTON'S SONS,

Seed Growers and Merchants.

114 North High St. COLUMBUS, OHIO.

HANN & ADAIR, PRS. 108 N. HIGH ST. COLUMBUS, O.

TO MARKET GARDENERS AND TRUCKERS.

We have the pleasure of handing you our Wholesale Price List of Seeds for January and February, 1892.

We Make a Specialty of Market Gardeners' Seeds, and rely for continued patronage on their quality. We have made our prices as favorable as possible, although we have learned by life-long experience in *Market Gardening*, *Seed Growing and Seed Selling*, *that Quality is the first consideration* in purchasing seed. It has been our aim, in preparing this list, to offer none but reliable varieties, and to give reliable and intelligent descriptions of them. For fuller descriptions see our *Seed Annual* for 1892, a copy of which will be mailed you soon.

Fifty years experience with competent heads of departments, who, by the way, have been with us many years, larger and better facilities and the highest credit, places us in such a position that we can handle promptly and carefully the largest orders and guarantee satisfaction.

In soliciting further favors from old customers, and also orders from new ones, we assure all that our aim is to supply the best seeds at the lowest possible prices The difference between *good seeds* and *poor seeds* amounts to more in *hard cash* than any possible saving by buying cheap seeds. We have nothing to offer but what we believe to be honest and true stock. This, with ample facilities and fair prices, constitute the ground upon which our business has been built.

New Seeds for Trial—For some years we have annually distributed among our customers, seeds of new varieties for trial, prior to their introduction. We are also pleased to receive from our customers, samples for trial, of any new vegetables that are not known to the public; but we request that only such as are considered superior will be sent.

We Guarantee the safe arrival of seeds, in good condition, when our terms have been complied with. We are also responsible for the safe receipt of all remittances made by Postoffice Order, Postal Note, Registered Letter, Express Order, Bank Draft or Check. Thus, even customers in the most distant States and Territories can obtain their supplies as safely, and have their orders as carefully executed, as if they called in person at our warehouse.

We make no extra charge either for Bags, Boxes, Packing or Drayage to Depot or Express Company's office. We have sixteen Railroads and three Express Companies. Their competition makes freight and express rates very low from Columbus to all points in the United States.

ADDRESS ALL ORDERS AND INQUIRIES,

A. W. LIVINGSTON'S SONS,

SEED GROWERS AND MERCHANTS,

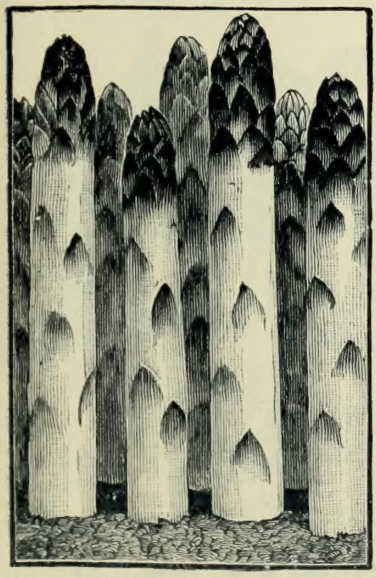
114 North High Street COLUMBUS, O.

LIVINGSTON'S VEGETABLE SEEDS

Selected Strains for MARKET GARDENERS.

NINE-TENTHS of our time is spent in performing labor resulting from our transactions with those who GROW VEGETABLES FOR MARKET. We have a number of customers who buy of us during the planting season over $500.00 worth of seeds each. The names of those whose trade with us amounts to over $100.00 each season are very frequent on our customers' register. That they are well satisfied with our SEEDS and METHODS, is proven by the copies of letters scattered through this book and our GENERAL CATALOGUE.

We illustrate and describe a few varieties in the following pages, which are specially adapted for Market Gardeners' use. Our strains of them are of the same high quality which has gained for us an immense trade direct with the most extensive Gardeners and Truckers in the principal vegetable growing sections, such as the south ATLANTIC COAST, FLORIDA, MISSISSIPPI, TEXAS, the CELERY DISTRICTS OF MICHIGAN, and, in fact, every State and Territory in the Union, including far off Washington; our shipments to the latter alone amounting to several hundred dollars each season.



GENUINE PALMETTO ASPARAGUS.

We have been skeptical as to the claims of this sort for some time, but it is now quite well established that it is superior to the old varieties. It reaches the market ten days ahead of other sorts, and, besides, is larger. Owing to mammoth size and fine appearance, it brings the highest prices. The introducers of the PALMETTO ASPARAGUS claim that it is much earlier, a better yielder, and more even and regular in its growth than Conover's Colossal, and think it must eventually supplant that old variety. An average bunch, containing fifteen shoots, from a well grown crop, measured 13½ inches in circumference, and weighed 2 lbs. Our stock is TRUE.

Price of seed: ounce, 10 cts.; ¼ lb., 25 cts.; lb, 90 cts.

STRONG ROOTS, 2 years old: $1.00 per 100; $6 00 per 1000; 500 roots at rate per 1000.

MR. D. B. WAULESS, Cairo, W. Va., April 4, 1891, writes: "I cannot say too much in your favor. Your fair dealing and good seed are all that any one could desire. Will do all I can to recommend you. Please send me another Order Sheet."

MR. J. G. SELTZER, Corry, Pa., April 27, 1891, writes: "Thank you for your promptness in filling my order, as I wanted the Peas, and planted some of them to-day. They appear No. 1."

Improved Rust Proof (Grenell's) Golden Wax Bean.

This is certainly the best strain of Golden Wax Bean now on the market, and no one should plant a seed of the old strain when this can be had. The New Rust Proof Golden Wax is hardier, much more prolific, holds its pods up better, and is of better quality. The pods are straighter, longer, and thicker than the ordinary Golden Wax, and are absolutely rust proof. Field after field of our seed crops of this variety were examined in person, last season, and we cannot speak too highly of it. We urge all our friends to plant this strain only.

PRICE.

Quart, 25 cts.; peck, $1.50; bushel, $5.50.

Wardwell's Kidney Wax Bean.

For the last three or four years we have been unable to obtain enough stock of this variety to be safe in calling especial attention to it. It is about the only yellow pod variety, excepting our new strain of Golden Wax, that merits the name of "rust-proof." The growth of the vine is remarkably vigorous, rendering it hardy and productive. Pods are exceedingly handsome and attractive to customers, and their quality is of the very best. The Kidney Wax has become quite celebrated as a shipper, appearing in market in much better condition than other varieties under the same circumstances. Qt. 30c., pk. $..60, bu. $6.00.

GOLDEN OR YELLOW-EYED WAX BEAN.

When examining our seed crops of this variety we put down 1st, very hardy; 2d, free from rust; 3d, exceedingly prolific; 4th, pods remarkably handsome, being long, straight, and of a rich, yellow color—their appearance will secure buyers in any market; 5th, an ideal shipper's sort. Southern Beans Growers should not fail to test this variety liberally. Qt. 25c, pk. $1.40, bu. $5.

Extra Early Extra Round Pod Valentine Bean.

From the unbounded satisfaction which uniformly follows the planting of our Extra Early Extra Round Pod Valentine Beans, we know they will satisfy the most critical planter. Ordinary stocks are not to be compared to them, in earliness, purity, productiveness or handsome appearance when on sale. The Gardener who plants this variety will find NO FLAT PODS. The always round, smooth and nearly stringless pods are held well up from the ground, and are generally ready to pick in from 35 to 40 days from date of planting The vines grow very uniform in size and shape, with scarcely any leaves, thus allowing the pods to set most abundantly and develop perfectly. We cannot recommend them too highly. Price, quart 20c , peck $1.00, bushel $4.00.

LIVINGSTON'S ROUND POD SIX WEEKS BEAN.

This variety is one of the very best green podded Snap Beans on the list. It is extra early, a good strong grower, and an abundant cropper. We have the testimony of one of the largest bean growers in the United States that it is earlier than any variety he knows of. The pods are very much thicker than the Long Yellow Six Weeks, and contain no string. We rely greatly on the quality of this bean to bring it into favor. In fact, there is no green podded sort that can compare with it in freedom from strings. This quality, added to its extra earliness and productiveness, makes it a model sort. Quart 25 cts., peck $1.10, bushel $4.00.

MR. ISAIAH AMRINE, Piqua, Ohio, Nov. 30th, 1891, writes: "Your Early Round Pod Beans I carefully tested side by side with other varieties. It is earliest of all."

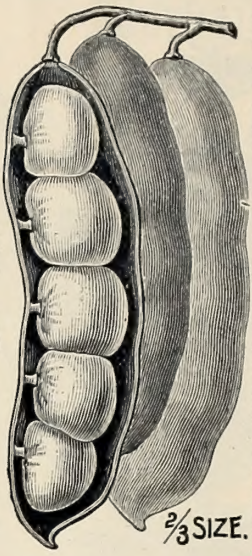
MR. JOHN KEMLER, Allegheny, Pa., Sept. 15th, 1891, writes: "The New Round Pod Six Weeks Beans that I purchased of you last Spring have proved satisfactory. Had a large and elegant crop, and am satisfied to say they are the best Bean in the market, The other Seeds were all O. K."

FLAGEOLET WAX BEANS.

The seed of the Flageolet Wax Bean as grown in Europe is of two colors, one scarlet, the other deep violet. By careful selection for many years, they have been separated. so that each will run true. The product of both is very similar. Each produces large vines, with light colored foliage. Pods very long, flat, of an attractive Golden Wax color. Quality sweet, crisp and tender. The only noticeable difference is that the Violet is a little later, with longer pods. The latter is often sold for Perfection Wax.

Scarlet Flageolet Wax, quart 25c., peck $1.50, bushel $5.50.
Violet Flageolet Wax, quart 25c., peck $1.50, bushel $5.50.

DREER'S BUSH LIMA BEAN.



This is a bush form of the Dreer's Lima Bean, and is unquestionably the best of all the dwarf Limas, being vastly superior in flavor to the dwarf varieties of the Sieva Lima of recent introduction.

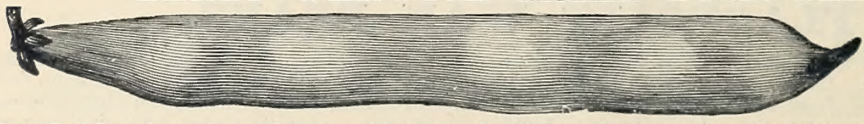
It grows about two feet high, and is of vigorous branching habit, maturing early and is very productive The beans in a green state are not quite as large as the Large Lima, but grow closer together in the pod, are thicker, sweeter, more tender and succulent, and remain green longer after maturing. This remarkable bean was distributed only to a limited extent last year, but has fully confirmed our good opinion of its merits. Planted on May 30th, it matured August 24th, 10 days ahead of Dreer's Improved Pole Lima planted at the same time. The pods of the Bush variety were equally as large and full. Many of the pods contained 5 beans, and nearly one half contained 4. Many specimen plants were received last fall bearing from 100 to 185 pods. This bean should be planted in rows two feet apart, and the plants one foot apart in the row. One plant alone is sufficient to a hill. Per pkt., 20 cts ; 3 pkts., 50c.; 7 pkts , $1.00.

HENDERSON'S BUSH LIMA.

Three years ago the entire stock of this variety was growing on an obscure plantation in Virginia; to-day it will be found in almost every garden on this continent. This has been due to its great merit, which the public were quick to recognize as soon as it was brought to their attention. ***One of the most valuable characteristics of the Bush Lima Bean is its extreme earliness,*** as it comes in from two to three weeks ahead of any of the climbing Limas. The small size of ***Henderson's Bush Lima,*** which at first was urged as an objection to it has proved one of the strongest points in its favor, as the public, rightly enough, prefer small beans, always associating great size in beans or peas with coarser quality.

Henderson's Bush Lima is enormously productive, bearing continuously throughout the summer until killed by the frost. ***Its greatest merit of course, lies in the fact that it is a true bush variety,*** requiring no support from stakes or poles, but at the same time, the experience of all who have grown it has been, that it excels as well in *quality*, *quantity* and *earliness*. *(See cut.)* 10 cts., per pkt.; 25 cts. per pint; 40 cts. per quart; $3 00 per peck; $11.00 per bush.

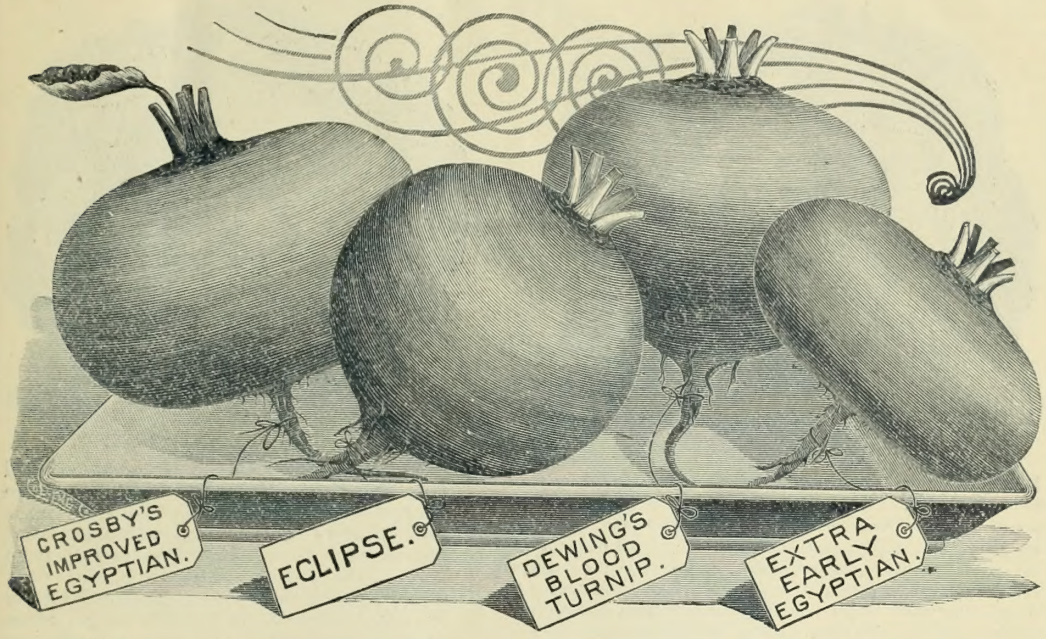
EARLY WARWICK GREEN BUSH BEAN.



The originator says: "This is a variety that came under our notice two years ago, and which has proven itself to be one of the earliest, if not *the* earliest Green Bush Bean that we have. Our repeated tests show that this Bean will give a picking of pods four inches and over in forty-three days from the date of planting; this we have never known any other Green Bush Bean to do except it be the Emperor William. The pods may be said to be stringless until they reach a stage at which they are past maturity for marketing. As this Bean is so remarkably early and likewise suitable for shipping long distances, we believe it will be found to be a valuable acquisition, especially to the Southern trucker, to whom it is of the utmost importance that he get something that will come in ahead of existing sorts. It is a heavy cropper, producing an abundance of pods which average about 5½ inches in length."

Qt. 50c.; pk., $3.00, Bush., $11.00.

Four Best Beets for Market Gardeners.



CROSBY'S IMPROVED EGYPTIAN BEET.

EXTRA EARLY—A very superior strain, carefully selected for years by Mr. Crosby, a noted Market Gardener, whose aim was to secure a perfect forcing variety. The results obtained were, handsome form, good size, few small tops, very small tap-root, fine quality, and above all, quick, rapid growth. The shape is very desirable, not quite so flat as the ordinary Egyptian, or so round as the Eclipse. Takes on its turnip shape and looks well even in the early stages of its growth, on which account it is preferred for forcing to the Globe and Half-Long varieties, which require longer time to grow to presentable market shape. This is a decided advantage to those who force for early market, and especially for a market where beets are sold in bunches. For the past five years we have not been able to obtain sufficient seed of this grand Beet to go around, even at a high price, because those who tried it once, would have it in preference to all others, for forcing in frames or for first sowing outside. Many of our Market Gardeners now place their orders (5 to 25 lbs.) several months ahead, so as to be sure of getting what they want. It is a very good variety for family use. Lb., $1.10 ; ¼ lb., 30 cts. ; oz., 10 cts.

EXTRA EARLY ECLIPSE BEET.

The Eclipse is remarkable, not only for its wonderfully rapid growth, but also for the smallness of top and extra fine quality. It is fully as early as the Egyptian, and of better quality. The roots grow perfectly smooth, of round shape, intense blood-red skin and flesh, fine and sweet. Its small top, extreme earliness, and heavy cropping qualities, recommend it to Market Gardeners. Scarcely any variety has had so large a sale among our customers; attributable, partly at least, to our fine strain. Oz., 5 cts. ; ¼ lb., 15 cts. ; lb., 50 cts ; 10 lbs. @ 45c.

DEWING'S BLOOD TURNIP BEET.

Pre-eminently THE Beet for *main crop*, and we are confident our strain is unequaled. Sown in June or July as a second crop the product is extra fine for winter marketing. Gardeners who do not follow this plan should make a note of this. Tops medium sized; leaf stems an veins dark red; leaves green; roots dark red, turnip shaped with good strong tap; flesh carmine red, zoned with lighter shade, tender, sweet and good. Oz., 5c; ¼ lb., 15c; lb., 45c; 10 lbs. @ 40c.

EXTRA EARLY EGYPTIAN BLOOD TURNIP BEET.

By many considered the best variety for extra early out-door planting, and is also a leading sort for forcing under glass, on account of its extremely small top and quick growth. Its shape also admits of crowding close together in the row. Color very dark red; quality very good when young; texture solid, firm and crisp; shape flat, with very small tap roots. Not well adapted for winter marketing. Oz., 5c.; ¼ lb., 20c. ; lb., 60c. ; 10 lbs.@ 55c.

Hints on the Culture of Beets.

The best results are obtained on a deep, rich sandy loam. If wanted very early, sow in hot-beds and transplant, cutting off the outer leaves; or for general crop, sow as soon as the ground will permit in drills eighteen inches apart and thin out to three inches in the row. We prefer to sow very thickly, not less than eight pound per acre, for the reason that late spring frosts often kill off a portion of the plants; but if sown thickly, enough is generally left to make a good stand which amply repays for the extra cost of a few pounds of seed. The thinnings when properly handled will more than pay for the labor of thinning. At the low price of 75c per 100 roots they are a very profitable crop, as about 100,000 roots can be grown per acre. For winter marketing sow in June or July. If possible always sow in freshly prepared soil, and never omit to press it firmly over the seed.

CABBAGES FOR PROFIT.

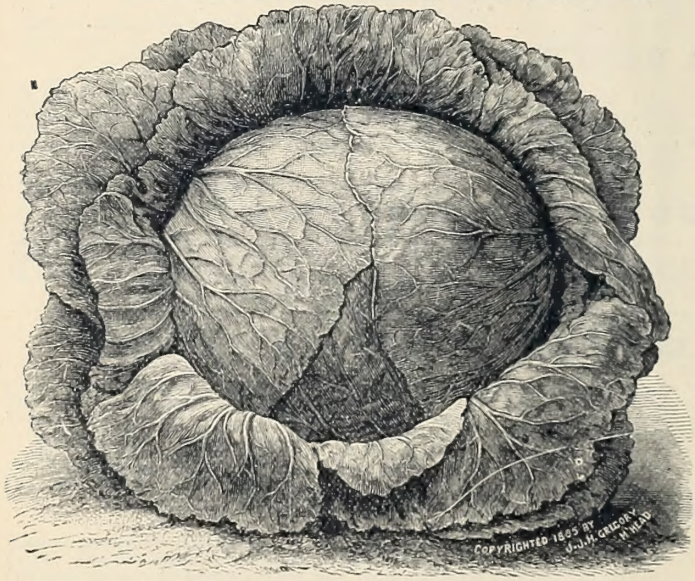
EXTRA EARLY JERSEY WAKEFIELD.

Many market gardeners consider this *the very best early Cabbage* in cultivation. It is certainly deserving of its great popularity, and is grown very extensively for market and shipping. Among its merits may be mentioned its large size of head for an early sort, small outside foliage, and its uniformity in producing a crop. The heads are pyramidal in shape, having a blunt or rounded peak. Our stock of this variety has never been excelled for first early planting. Its remarkable uniformity and evenness has been obtained by long years of selection. This quality is very important, and, although the heads are good size yet they have very small outside leaves. One of the best qualities is its hardiness, and consequently it can be set out earlier or wintered over in cold frames better than any other. We are sure there is no better strain of this popular sort than ours, and we invite all who grow early cabbage to try it. Oz., 25c.; ¼ lb., 75c.; lb., $2.50.

EXTRA LARGE OR CHARLESTON WAKEFIELD.

This is the fourth season we have offered this large strain of Wakefield. It has given such splendid satisfaction that we have determined to call special attention to it again this season. It is a selection from the Early Jersey Wakefield, and only about a week later than that popular early variety; grows fully twice as large, often averaging fifteen or eighteen pounds per head. It is very compact in habit of growth and can be planted 20 by 24 inches. Unlike many other early sorts it will stand without bursting for weeks if market is unfavorable. Hence a most valuable sort for the northern or southern grower. Oz., 25c; ¼ lb., 75c; lb., $2.50.

CHASE'S EXCELSIOR CABBAGE.



An All The Year Round Variety.

We have made a specialty of this Cabbage for a number of years, and never introduced anything that gave better satisfaction. It is a medium early variety, following Early Summer, but with heads almost double the size. It can be planted (as a second crop) twenty days later than the late Flat Dutch, and still mature almost as many pounds to the acre. It is very uniform in type, sure to head, and is exceedingly solid. Very few varieties will produce so many well formed, large, solid heads from the same number of plants. Lb., $2.25; ¼ lb., 60c; oz., 20c. We sold large quantities of this sort in the South last fall, and the following from Henry Ramsey, Alachua county, Fla., is a sample report:

"The farmers are getting 100 crates of cabbage per acre from your seed. Chase's Excelsior gives the greatest satisfaction."

MR. J. WILLARD PEAKE, of Maryland, writes: "Your Chase's Excelsior Cabbage is the best I ever saw. I had heads that weighed 20 pounds."

MR. A. J LAMAR, of North Carolina, writes: "Your Chase's Excelsior Cabbage is the best I have ever raised."

BRIDGEPORT LATE DRUMHEAD CABBAGE.

This excellent and exceedingly popular sort about Chicago is noted for its solidity of head, large size, and the fact that it is not inclined to burst or rot. We have an extra choice stock of this raised from fine hard selected heads. Oz., 20c; ¼ lb., 60c; lb., $2.00.

BURPEE'S ALL-HEAD EARLY CABBAGE.

Engraved from a Photograph.

This distinct new cabbage, first introduced last year, is the earliest *of all large Cabbages*—being at least a week earlier than any of the various strains of *Early Summer Cabbage*, and fully one-third larger; therefore much more profitable to the Market Gardener.

The **All-Head Early** is unquestionably the nearest approach to a thoroughbred **Cabbage** of any variety yet introduced, both as regards size and uniformity of development. *Selection*, the means employed to establish this variety, has been constantly made to secure the largest early heads, with the fewest loose leaves. The deep flat heads are *remarkably solid* and *uniform in color* as well as shape and size.

The main feature of a good Cabbage is **tenderness**, and in this respect it *surpasses all others*. While **Burpee's All-Head Early** is all that can be desired for earliness, it is also *valuable for a late or Winter Cabbage*. Seed of the **All-Head** sown in July, and plants set out about the middle of August will bring heads, large and solid, which are sure to winter well. By reason of the *compact habit of growth* of the **All Head Early** and absence of loose leaves, fully one thousand more heads can be obtained to the acre than of most other varieties of good size. Set the plants 18 inches apart in rows with 3 feet between the rows for cultivation, and *Nine Thousand Six Hundred and Eighty* (9680) *plants* can be set on one acre, *ninety-five per cent.* of which, in an ordinary season, and with reasonable cultivation, will make good merchantable heads.

Per pkt., 10c; oz., 40c; 2 ozs. for 75c; ¼ lb., $1.25; per lb., $4.50.

EARLY WINNINGSTADT CABBAGE.

Our *American grown* seed of this old and very popular variety, produces such wonderfully fine crops that it almost deserves to be called by a new name. Those who plant our strain will find it far excels any stock ever sold in this country for *earliness, size, solidity*, and every other good quality. A special advantage of this sort is its vigor and hardiness, producing good crops on soil where other sorts fail. On this account it is nearer worm proof than any other cabbage on the list. Nearly all the seed of this variety is imported, therefore order direct of us to get genuine American grown seed. Oz., 25c; ¼ lb., 75c; lb., $2.50; 2 lbs., $4.75.

AMERICAN GROWN SEED.

LIVINGSTON'S EARLIEST CAULIFLOWER.

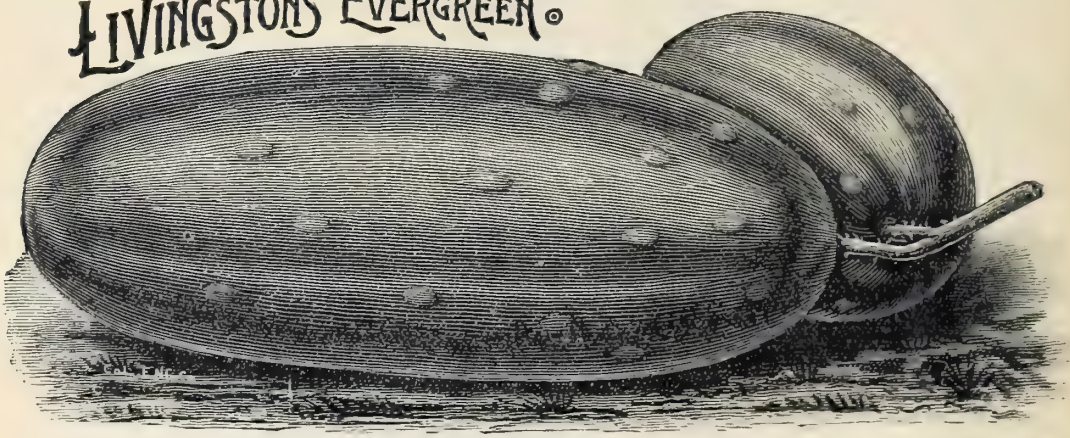
We unhesitatingly pronounce this variety the finest extant. It is remarkably thoroughbred and uniform, and if well grown, the heads of an entire crop will scarcely differ perceptibly from each other. A noted gardener, who has had extended experience both in England and the United States, says he never saw its equal, pronouncing it superior to the original strains of the famous Snowball. It is **unequaled for forcing,** on account of its extreme earliness, compact and regular growth, and reliable heading quality. The heads are somewhat larger than the Snowball, and far superior in appearance, on account of its remarkable smoothness. Thus, while it is the very earliest sort, it is equally in the lead for main crop or late planting.

Pkt., 25c.; ¼ oz., 90c.; oz., $3.50; ¼ lb., $12.00.

Mr. W. C. Clark, Lithopolis, Ohio, August 18th, 1891, writes. "I have never succeeded in raising Cauliflower until this season. I tried Livingston's Earliest Dwarf. I sowed seed in hotbed at the same time with Henderson's Early Summer Cabbage, and the Cauliflower was ready for use two weeks before the Cabage. Every plant formed a large and perfect head. I cannot recommend it too highly."

Mr. E. L. Russell, Tecumseh, Mich., July 23d, 1891, writes: "Seeds purchased of you did remarkably well, especially Cauliflower. We have about six acres of it."

LIVINGSTON'S EVERGREEN.



This new sort, which we introduced last season, has really surprised us by the manner in which it has met public approval. With the old Standard White Spine, and our Nichols Medium Green, and the great number of "lesser lights" now in the field, we expected the New Evergreen would have a hard row to hoe. The few testimonials we have room for, however, will show its popularity.

A celebrated vine seed grower, says, Oct. 19th, 1891: "Your new Evergreen Cucumber promises to exceed the amount you ordered, and I I presume you want it all. I believe I never saw Cucumbers lie thicker on the ground than the Evergreens did. When the frost killed the vines it really looked as though the *whole surface of the ground was covered.* They have the merit of being prolific sure, and I t ink must be early, as you may r m mber we had to replant very late in the season. They will bear pushing this year in your Catalogue."

Mr A. D. McCormick, Ohio, April 4th, 1891, writes: "The sample package of Livingston's Evergreen Cucumber was all that could be desired in both yield and quality."

Mr. Harry C. Pound, Ky., April 4th, 1891, writes: "Livingston's Evergreen Cucumber Seed you sent me for trial, I consider one of the best for slicing, also good for pickling, and a prolific bearer. It was very dry with us last year. I did not have a fair trial, but pronounce it one of the best cucumbers. It did not seem to stop bearing."

Mr. Jos. E. Sherwood, Conn., March 30th, 1891, writes: "I cannot speak too highly of Livingston's Evergreen Cucumber."

Mr. L. L. Blackford, Ohio, Nov. 1st, 1891, writes: "Livingston's Evergreen Cucumber is a good market sort. Will plant more of them next season."

The NEW EVERGREEN is very *hardy* and *evergreen*, withstanding drouth and bearing until frost. One grower says it bears four to one compared with standard sorts. A very strong grower, but extra early and the best in flavor, bearing firm, crisp fruits, either for pickling or slicing.

Oz., 15c.; ¼ lb., 40c.; lb., $1.40.

SELECTED EARLY WHITE SPINE CUCUMBER.

We have sold this carefully selected strain of extra Early White Spine Cucumber with increasing popularity for four seasons. Although growing a large supply each year we have never had enough to fill all orders. It is offered as an EXTRA QUICK GROWING SLICER for forcing and outdoor planting, and is the handsomest and most uniform strain, our customers tell us, that can be found anywhere. In shape it is perfect, being of good length, yet perfectly straight, (we never saw a crooked one), well filled out at the ends, and consequently always brings good prices. A most abundant yielder and rapid, vigorous grower.

Lb. $1.00; ¼ lb., 30 cts.; oz., 10c.; (5 lbs., $4.50.)

IMPROVED WHITE PLUME CELERY.

On account of the ease with which this variety is cultivated, it has now become the leading sort for market. It requires very little earthing up to blanch it, and is a very quick growing variety. It is specially valuable for fall and early winter markets, as it is probably the earliest sort in cultivation. We wish to say, however, that as the White Plume is a sprout from a green sort, it will soon fall back to its original state unless great care is taken in selecting seed stocks. With this in mind, our grower has never allowed a single stock to be planted if it showed the least signs of degeneracy. This extra care is very expensive, and we cannot offer our seed as low as some others do, although we have, we think, made the price very reasonable. 2 lbs., $5.00; lb , $2 75; ¼ lb , 75 cts. ; oz., 25 cts.

MR. WM. DOVE, Adrian, Mich., writes: "The White Plume Celery Seed I bought of you last spring has produced one of the finest crops that ever man put eyes on, large and stalky. It is the best I ever raised. It is called for far and near, and all seem to want it. It has averaged from 125 to 130 lbs to 10 dozen stalks in a thin box that would weigh from 6 to 8 lbs., for three months, and still doing it at present. I hold Adrian Market in spite of whatever figures others choose to make. I will advise all to buy seed of you."

MR. E. L. RUSSELL, Tecumseh, Mich., July, 23, 1891, writes: "We think we cannot raise "Blue Ribbon" Celery without "True Blue" seeds. We had one of the finest Celery Plant Beds around here, and have sold plants to many different parties."

Mr. Russell produces the famous Blue Ribbon brand of Celery. Its high quality is recognized in all markets.

CELERY GROWING AND MARKETING A SUCCESS.—For full details on growing, storing and marketing Celery, send for the latest, best and most complete work ever written on the subject—**"Celery Growing and Marketing a Success."** Handsomely bound in cloth, and fully illustrated, published by Mr. H. L. STEWART, of Michigan, one of the largest and best growers of high grade Celery in the land. **He Saved in the last five years $41.000 net profit on Celery from his small farm.** This work tells how it was done and can be had of us, *postpaid*, for only **$1.50, or Free with every $7.00 Order** for Celery or other seed, at prices given in this Wholesale List, *if so requested at the time of ordering.*

In the above work Mr. Stewart emphatically recommends our Celery Seeds.

MARKET GARDENERS' CARROTS.

SHORT HORN, OR EARLY SCARLET HORN CARROT.

One of the most popular stump rooted, second in size; fine for forcing; deep orange; flesh fine grained and of agreeable flavor; top small; grows well in shallow soil. Pound, 75 c ¼ pound, 25 cents; ounce 10 cents.

OX-HEART CARROT.

INTERMEDIATE RED—An excellent new English sort, valuable as a bunching variety. It is smooth, and nearly the Danvers in size. Its color is a clear bright red; flesh very close in texture, and almost without core; a fine cropper. Lb. 75 cts.; ¼ lb 25 cts. ; oz. 10 cts.

OX HEART, OR GUERANDE—Intermediate in length between the Early Horn and Danvers, and it runs fully three to five inches in diameter. In quality it is extra good. Where other sorts require digging, Ox Heart can be easily pulled. We recommend it for hotbed use as well as for both extra early and late out door planting. Lb., 85 cts., ¼ lb., 25 cts., oz. 10 cts.

DANVERS—One of the most productive and best for field culture. Tops medium; roots dark orange colored, even when small; large, but of medium length, tapering abruptly at the point, very uniform and handsome, flesh deep orange with yellow center, sweet and tender. Lb., 65 cts.; ¼ lb., 20 cts.; oz. 10 cts.

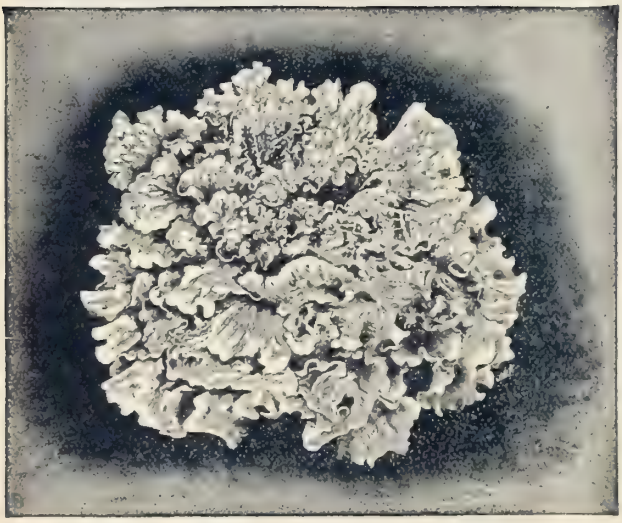
IMPROVED LONG ORANGE—A standard late variety, handsome and uniform in shape; deep orange color; good flavor; yields heavily. It requires a deep soil and the plants should stand eight inches apart, in eighteen inch drills, for the roots to attain their full size. Lb., 60 cts., ¼ lb., 20 c. oz., 10 cts.

LIVINGSTON'S MAMMOTH PURPLE EGG PLANT.

THE HANDSOMEST, LARGEST AND FINEST VARIETY GROWN.

This extra selected strain of Purple Egg Plant has been supplied by us for a number of years with unbounded satisfaction to our customers. Our own experience in market gardening taught us that it is very important to have the best seed obtainable, for if poorly grown, irregular in shape, or green in color, it is quite unsalable, and labor, time and money are wasted. The plant is a very vigorous grower, and a great producer of large, oval shaped, deep purple colored fruit. The flesh is white, tender and of finest quality. Our seed was all saved from first ripe, well matured fruits, and there was not a single specimen off color in the whole lot. Some of the specimens that we took the seed from measured, around the stem and blossom end, TWENTY-EIGHT INCHES IN CIRCUMFERENCE and around the other way, TWENTY-FOUR INCHES. We had a severe frost recently, and had to pick and market the fruit not matured enough for seed, and FROM 350 HILLS WE SHIPPED 75 BASKETS. Lb., $5.; ¼ lb., $1.50; oz. 50 cts.; pkt., 10 cts.

NEW GRAND RAPIDS FORCING LETTUCE



Within the last five years the city of Grand Rapids has become famous for the extra fine Greenhouse Lettuce supplied from there. It captured the Cincinnati markets, and such a splendid shipper was it that it reached New York City in such perfect condition as to excel the great metropolis' home grown product. The leaves are of medium size, light yellowish-green color, much crimped and frilled, thin, but of very upright growth; crisp, tender and of good quality. Owing to its upright habit it may be planted very closely. It is of extremely rapid growth; very little liable to rot; will stand, without spoiling, a week to ten days after it is fit to cut, and retains its freshness a long time after cutting. Our stock is extra choice, having been saved for use by one of the principal growers at Grand Rapids, from selected heads. Oz., 20 cts.; ¼lb., 60 cts.; lb., $2.

Mr. Chas. F. Latham, Micco, Fla., Nov. 8, 1891, writes: "Enclosed I send you $30 for Garden Seeds. We all had good success with your seeds last year. I had the finest Beans raised on the river last season. All our neighbors have decided to buy seeds of you."

Mr. F. W. McKim, North Sewickley, Pa., April 28th, 1891, writes: "Have been getting seeds from you for 12 years. Have always been satisfied with seeds and pleased with your promptness and honest dealing."

Mr. C. S. Bay, New Plymouth, Ohio, May 11th, 1891, writes: "Your seeds have always given satisfaction and you can put me down for life."

Mr. Geo. W. Roberts, Switzerland, Fla., Oct. 16th, 1891, writes: "Everybody using your seeds, speak well of them, and they give entire satisfaction."

BLOND BLOCKHEAD LETTUCE.

This is a decidedly distinct and valuable Lettuce of French origin. It has been well tested here and proved worthy of extended cultivation on account of its handsome appearance and delicious quality. In hardness and compactness of head as well as in form it resembles the Neapolitan Cabbage but in color it is a rich golden yellow, It stands the summer heat and drouth and is very slow to run to seed. Oz., 20 c.; ¼ lb., 40 c.; lb., $1.50.

Genuine Hard Heading Hanson.

None more reliable for out-dooor cultivation. In ground well manured and cultivated, the heads grow to a remarkable size, resembling that of a flat cabbage and so slow to run to seed that it often fails to form a seed stock. The outer leaves are bright green, the inner leaves white and deliciously sweet, tender and crisp, free from any bitter or unpleasant taste. The stock we offer is of the same high quality as that sold by us for many years, and it gives the highest satisfaction. Lb., $1.25; ¼ lb., 40 cts., oz.; 15 cts.

DENVER MARKET LETTUCE.

This variety originated with a prominent Market Gardener of Denver, Col. ,and has achieved a great reputation in many markets. We append the introducers description and recommend our customers to plant it liberally.

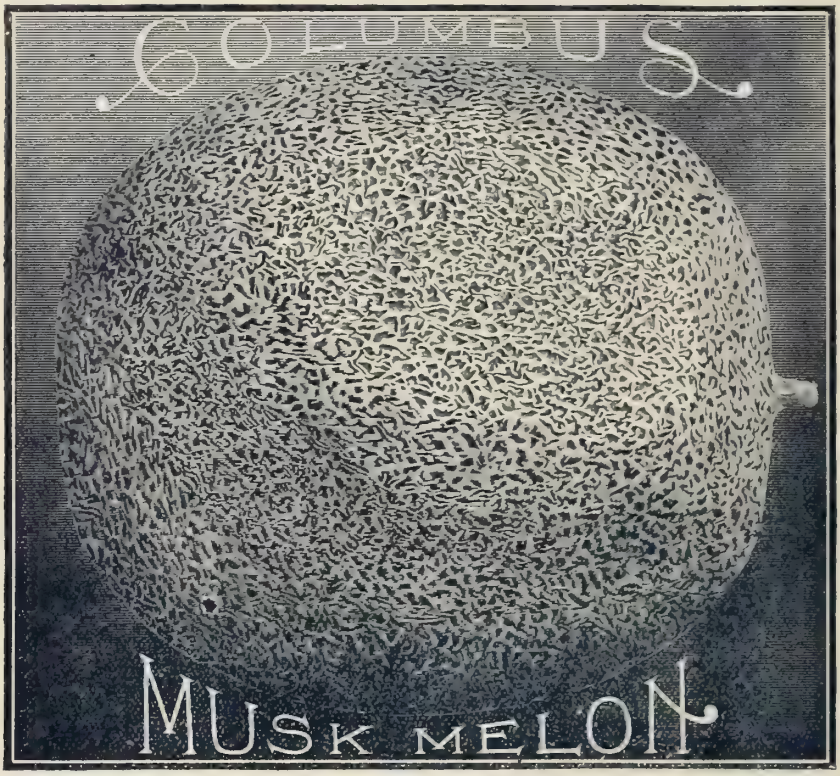
"The New Denver Market is an early variety of Head Lettuce, either for forcing or open ground. It forms large solid heads of a good light green color. The leaves are beautifully marked and blistered (like the Savoy Cabbages) and very crisp and tender, and of excellent flavor. By these blistered leaves it distinguishes itself from other kinds of Lettuce. The shape of the head resembles somewhat the "Hanson," but is more oblong." Oz., 20c., ¼ lb., 50c.; Lb. $1.75.

BLACK SEEDED SIMPSON LETTUCE.

For those who like a large, thin, exceedingly tender leaf, and for those markets which demand a large, loose head, this is the best variety either for forcing or early sowing out of doors. Plant large, forming a large, loose head; very light yellowish-green in color, so that a little wilting is not noticed. Leaves very large, thin, slightly ruffled and blistered, the inner ones nicely blanched, and even the large outside leaves are tender and of good quality. By far the most popular variety in Columbus Cincinnati and Chicago markets. and one of the best for general market garden use, as it is very attractive, of excellent quality, and continues a long time in condition for use.

Oz., 15c.; ¼ lb.,40c.; lb., $1.25.

NEW COLUMBUS MUSKMELON.



The engraving herewith, reproduced from a photograph, shows the distinct and attractive appearance, as well as the peculiar netting of this handsome melon. Mr. Antone Beck, a veteran gardener, of Oregon, Ill., has grown this valuable melon every since the war. His market being but a small one, and his guarding the seed very carefully, that none might become disseminated, has given him a corner on it for many years. We certainly feel ourselves very fortunate that we have the honor of naming and offering such an acquisition, for we have seen enough of it during the past season, to convince us that we will never have occasion to regret a hearty recommendation of it to our customers. Not content with what we could learn of this variety from a distance, we last September had the pleasure of calling at the home of Mr. Beck and the melon. The result was that we were more than ever satisfied as to the reliability of both, and we secured the entire but limited stock, together with the privilege of calling it "The Columbus," at a very fabulous price. We had a half-dozen specimens on exhibition at the Ohio State Fair last Fall, and they were much admired by all Melon Growers. The admiration of some one evidently overcame his sense of honor, because two of the melons *disappeared in our absence*. The size is convenient for both marketer and consumer, being neither a "mammoth" nor a "miniature," like some of the recent introductions which are either *too large* or *too small* to be of any value. The skin is of a very pretty, bright, glossy yellow color when fully ripe, and is nearly hidden by the very thick whitish netting. Its green flesh is very deep, leaving only a small seed cavity. The quality is all that can be desired as will be observed by reading the testimonials below. It never was known to burst open at either end. From the above considerations we are confident this melon will prove to be the greatest acquisition in many years. We secured Mr. Beck's *entire* crop of seed which was very limited, but we bespeak for it an immense run in 1893, and after reserving sufficient seed to grow a stock to supply this demand it leaves but very few pounds for this season's trade; we can therefore offer it in packets only.

Single packet, 20 cts.; three for 50 cts.; seven for $1; all under our *True Blue* seal.

Hon. Albert Woodcock, Ex-United States Consul of Sicily, writes: "The best Muskmelon I have ever eaten."

Mr. Daniel Etnyre, President First National Bank of Oregon, Ill, writes: "I have been supplied with melons by Mr. Beck for the last two years, and I must say I have never found such melons anywhere. We used them every meal and they cannot be recommended too highly."

Mr. L. V. Rumery, of Rumery & Farrell, grocers, Oregon, Ill, writes: "I have used the Columbus Muskmelon for the past two or three years, and think it the best melon I have ever seen, and can recommend it to give satisfaction in every respect."

Mr. C. D. Etnyre, of Wadsworth, Etnyre & Co., Notaries Public, Oregon, Ill., writes: "I have eaten a number of your Columbus Muskmelons and find their flavor delicious and far superior to the ordinary melon. I consider them worthy of the highest recommendation."

Mr. W. H. Snyder, a prominent clothier of Oregon, Ill., writes: "We have used Mr. Beck's melons on our table whenever we could get them, and I must say that the quality is far superior to any melon we ever used."

OUR "TRUE BLUE" ONION SEED.

In testing different stocks of Onion Seeds, it is no unusual thing to find a difference of 200 or 300 per cent. in the marketable product. Remembering this, we do not wonder that those who are purchasing seed of us for the first time ask particular questions about our method of selection and production. Such inquiries do not embarrass us in the least, as our stock is all grown from SELECTED Bulbs, and is absolutely unsurpassed.

We have customers — actual planters, who buy from 100 to 300 lbs. each season. We could not hold such trade were our stock in the least inferior, or even no better than most others. We have nearly doubled our supply each season for five years, and our annual sales are now reckoned by tons.

Long experience has taught us that Onion Seed raised near the fortieth parallel (the latitude of Columbus and Philadelphia) is better adapted for all purposes than that grown either north or south. It matures marketable onions earlier, thus commanding the highest prices; it is preferable, also, for either *sets* or *large sized* onions. Our seed is suited to any part of the United States. With good seed, onions are one of the easiest and most profitable crops to grow.

BEWARE OF CHEAP SEED.—The high prices of onions during the spring of 1891 induced many growers to sell off their best onions, and plant out the refuse to produce seed. *Send your order to us, and be sure of seed grown from choice Bulbs only*

For Prices on all the Standard Varieties See Page 23.

BEST ONIONS FOR THE NEW TRANSPLANTING METHOD.

New Onion, "Prize-Taker," or Spanish King.

All who have ever grown the Spanish King, or Prize-taker Onion, unite in pronouncing it the largest, handsomest and most profitable Onion they have ever grown. It attains enormous size, averaging 12 to 14 inches in circumference. Although of such great size, it is very hardy, and an excellent keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. They bottom well, are free from stiff-necks, and have produced more bushels of marketable Onions to the acre than any other variety known in America. In market it attracts marked attention, and sells readily at double the prices of any other sort. **Our seed of this is first-class, and can be relied upon as genuine and equal to any stock offered.** Oz , 35c.; ¼ lb., $1.10; lb., $4.00.

We handle each season, large quantities of Onion Sets grown from the very best stock obtainable for the purpose. Onions grown from our Sets are of as good quality for keeping or immediate use as those grown in any other section. The varieties of Seed used by us in growing Sets are Extra Early Red, Yellow Dutch and White Portugal, or Silver Skin. The prices are variable, and those given below are only good for immediate orders.

EXTRA EARLY RED.—Qt., 20c.; pk., $1.20; bu., $4.00.
WHITE SILVER SKIN.—Qt., 25c.; pk., $1.20; bu., $4.50.
YELLOW DUTCH.—Qt., 20c.; pk., $1.25; bu., $3.50.

MAMMOTH SILVER KING ONION.

The new Mammoth Silver King is unquestionably the largest and most beautiful Onion in the world. Single specimens, by sworn testimony, have weighed as much as **five and one-quarter pounds.** No other Onion that has ever been introduced has obtained such immense weights, and no other Onion possesses such mild and delicate flavor, or has such a handsome and beautiful appearance. The skin is a beautiful silvery-white; the flesh snow-white, fine-grained and exceedingly mild and pleasant-flavored. They grow uniformly large, smooth, perfect in form and shape, ripen early, and always command a high price in the market.

Oz., 20c.; ¼ lb., 60c.; lb., $2.25.

By using these two varieties of Onions according to the method described below, Market Gardeners can bring them into market three or four weeks ahead of competitors, and thus get very high prices, besides being able to clear the entire product off for later crops.

METHOD OF GROWING.— The seed is sown in the green-house, hot-bed or cold-frame about six weeks before the ground outside is expected to be fit for the plants, say February 15th to March 1st, in our latitude, in flat or shallow boxes, or in the soil of the beds, in rows three inches apart. Sow evenly, cover carefully one inch deep, after which firm the soil well with a piece of board. Two ounces of seed will sow 3 x 6 feet and should give 6000 plants. As soon as the ground is dry enough to work well outside, transplant from 2 to 3 inches apart, in rows 12 to 14 inches apart, firming the soil well around the roots, taking care to set the plants not too deep, but about the same depth as they were. If Onions are wanted for bunching green, they may be set closer than two inches. It can be readily seen that this plan has decided advantages for the general market gardener, because he already has the necessary hot-beds, &c., and can use the early bunch Onions as well as the early ripe ones, and the ground, after the crop is off, to good advantage. We advise our friends to try this plan on a liberal scale.

EXTRA EARLY OHIO POTATO.

MR. R. F. GORE, Wilmington, N. C., June 1, 1890, writes: "I wish to say that the Extra Early Ohio Potatoes gave entire satisfaction, and I think you will find sale for a big lot here next season, as my Potatoes were the finest in the neighborhood. They were not as prolific as Early rose and some other varieties, but they were larger and matured earlier. I shipped the first Potatoes from Wilmington, N. C. I got $6.00 per barrel. I am certainly pleased with them, and shall want them again next season."

This earliest of all early varieties justly belongs at the head of the list of extra earlies, because no other variety will *mature* as early. Some very good early sorts will give eatable size potatoes about as early, but their tops will be green for days after Early Ohios have died. It is at least two weeks earlier than Early Rose, and excels it in its palmiest days in quality and productiveness. Nearly all are marketable size. It is a special favorite with marketmen, and we believe the most profitable early potato they can possibly grow. The sprout is very strong, and the vine grows erect, making it easy to cultivate, and on occount of its early maturity you get the high prices and have the land for other crops. It does well on any soil suitable for potatoes. The tubers grow compact in the hill, with few small ones; few eyes, which are even with the surface. They keep firm, and are slow to sprout in the spring—we use them the entire year on our own table. The demand for them is greater every year, and as we renew our seed stock about every year from the originator, who lives a few miles north of us, we feel as though we were *about headquarters*, at least no one has a purer or more reliable stock to offer. They are a great favorite now with the Southern grower for early shipments North. Peck, 40c.; bu., $1.25; bbl., $3.25; 10 bbl. or over @ $2.75 per bbl.

LIVINGSTON'S "PRIDE OF IRELAND" POTATO.

MR. W. A. PERRY, Clearbrook, Wash., July 12, 1891, writes: "The single tuber, 'Pride of Ireland,' which I received from you was cut into 12 eyes and planted in 12 hills on May 12. July 12 I dug one hill. It yielded 21 Potatoes that weighed twelve pound and six and one-half ounces. They were coated with a skin as white and soft as silk. I make no mistake when I say that the 'Pride of Ireland' is the best Potato that has appeared since the introduction of Early Rose, and is the boss market Potato of the future."

MR. L. F. DINTELMAN, Belleville, Illinois, writes: "Have just dug 21¾ lbs. from the 3 oz. tuber "Pride of Ireland" Potato which I got of you last spring. Only ordinary field culture."

This new seedling originated with a successful Potato grower in Wisconsin, who says: "It is a late variety, a very good keeper, and cooks well. Skin is very white, with a sort of light russetty netting; the flesh is white and of good quality. It cannot fail to satisfy the grower who wants a heavy yielder, big potatoes and no small ones worth mentioning."

We introduced this variety last season and do not hesitate to pronounce it the handsomest and largest white skinned Potato that has been offered for many years. It will be most valuable because it combines large yields with handsome appearance and best quality.

Pk., 50c.; bushel, $1.50; bbl., $3 50.

LIVINGSTON'S FIRST IN MARKET PEAS.

This Extra Early, under our True Blue Seal, is not equalled by any other strain offered. The seed is produced in the extreme North, between Lake Ontario and Hudson Bay, where the exceedingly short summer forces a quick, vigorous growth of pod and no useless foliage. When inspecting the crop last summer, we were surprised to find it ripe and ready for harvesting, whereas other noted strains grown farther South, were still green. This proves their extra earliness and evenness of ripening.

They were also dwarfer, and the pods set closer together. Very frequently the entire crop can be cleared off in seven weeks from date of sowing the seed. No sticks or brush are required, as they seldom reach twenty inches in height. The pods are very full and handsome. Their hardiness is another strong point, as they can be safely planted as soon as the ground can be worked, and subsequent freezings seem to have no effect. We have no hesitancy in recommending them. Price 20 cts. per quart, $1.10 per peck; $4.00 per bushel.

Mr. W. E. Price, Booneville, Miss., writes: "In regard to the First in Market Peas, will say that I have grown several varieties of Peas for market, and find that the First in Market have given me more money than any other variety, as they mature the entire crop almost at the same time, while prices are good. All that planted them here last year made good money, while those that planted other sorts lost money. I do not expect to plant any other kind if I can get First in Market Peas."

NEW PEA "HEROINE."

It is a medium early, green wrinkled Pea and grows uniformly two to two and a half feet high, coming in between Advancer and Champion of England, and bears a profusion of large, long, slightly curved, pointed pods, **containing from nine to ten large Peas of finest quality.** This new Pea is destined to eclipse Stratagem and Pride of the Market for market purposes, and being nearly as early as the Advancer, will also be more desirable than that well known variety. In field culture we have found it to ripen and yield double the quantity of Peas that the ordinary varieties do, and hence is an immense cropper.

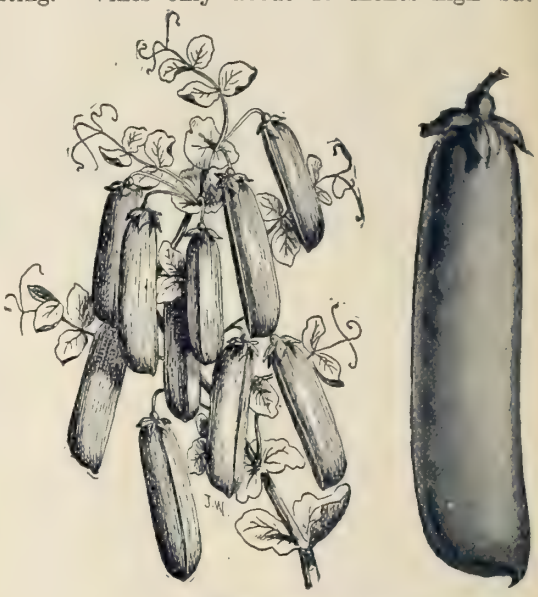
Like many of our most valuable Peas it is a variety of English origin. All these varieties produce peas of the finest quality, but **Heroine excels them all.** Prices: 10c per pkt; 20c per ½ pt; 30c per pt; 50c per qt.

LARGE SUGAR HOLLOW CROWN PARSNIP.

In our strain of this most popular variety we have the ideal of true Hollow Crown Parsnip. It is distinguished by a very smooth clean skin Roots of finest form, white, tender, sugary and most excellently flavored. Very hardy, and will keep through winter without protection. A few specimens from our crop were examined a short time ago by experts and pronounced the finest they had ever seen. Oz. 5cts.; ¼ lb. 15cts.; Lb. 50cts.

BLISS AMERICAN WONDER PEAS.

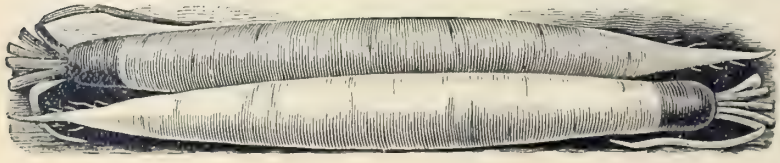
Absolutely the earliest sweet or wrinkled Pea in existence. Have been known to yield marketable pods in abundance in 43 days from planting. Vines only about 10 inches high but heavily loaded with well filled pods, often containing 8 large, exceedingly sweet, tender and well flavored peas. Planted on good soil, this variety is one of the most satisfactory to the Market Gardener as it always commands the highest prices and the vines can be removed to be replaced with a second crop of cabbage, celery. sweet corn, beans &c. Qt. 25cts.; peck $1.25; bush. $4.50.



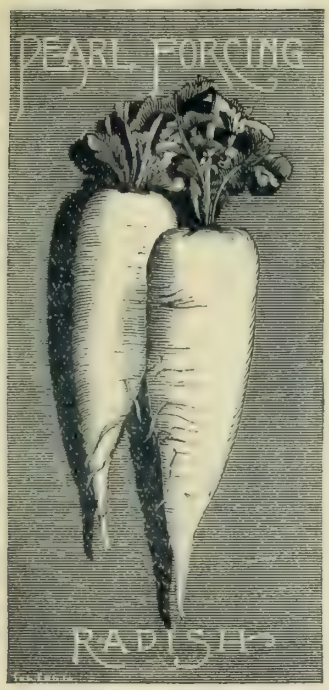
Mammoth Viroflay Spinach.

Our strain of this variety we believe to be the very best obtainable for either Spring or Fall sowing. It is very hardy, standing the winters well. If sown in the Spring, it grows very quickly, and will stand longer before running to seed than any sort we have ever tested. We have sold it for a number of years, and the demand for it increases rapidly. The leaves are very thick and fleshy, remarkably succulent, and produced in great abundance. Per lb. 25 cts,; 10 lbs. $1.75; bu. $6.00.

Sandwich Island Mammoth Salsify.



Until the introduction of this improved variety from the Sandwich Islands there was cultivated only one variety of Salsify—the Long White French. This **NEW MAMMOTH SALSIFY** grows *uniformly* to an extra large size, averaging *fully double* the size and weight of roots of the old variety. The roots, notwithstanding their enormous size, are of very superior quality and very delicate in flavor; it is such a decided improvement that we are quite sure that all market gardeners who once try it will use it exclusively. *Oz* 10 cts.; ¼ lb. 35 cts.; per lb. $1.25.



LIVINGSTON'S NEW PEARL FORCING RADISH.

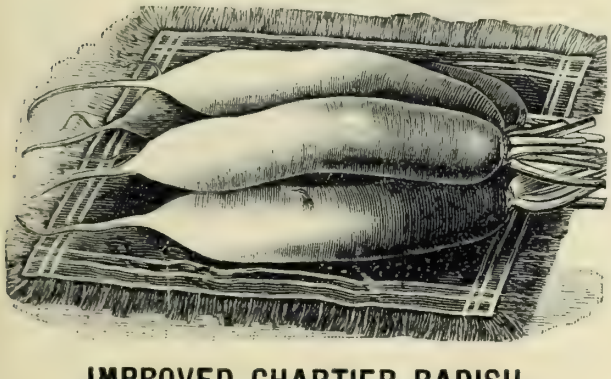
This new sort, which we introduced last season, is a cross between Wood's Early Frame and White Strasburg A most distinguishing characteristic is its rich, waxy appearance. The shape is one long sought for, and the most advantageous for bunching, being what might be called half stump rooted. They remain in eatable condition at least *two weeks* longer than Wood's Early Frame, are not pithy, and do not become woody. The color is pearl white, with the waxy appearance above described, and the texture is very firm and solid. Absolutely the finest white sort for hotbeds and frames. Oz., 20c ; ¼ lb , 60c.; 1 lb., $2.00.

Mr. F. A. Hartung, a prominent market gardener of Sandusky, Ohio, says: "I am well pleased with the White Pearl Radish, so much so that I kept them all for seed. I find them to keep good a long time, and make a first class white forcing radish, and fill a want long felt."

Early Scarlet Globe Radish.

FOR FORCING IN THE GREEN-HOUSE, hot-beds, or cold frames, and for sowing on open boaders early in the spring, there is no other red variety that will pay better than the EARLY SCARLET GLOBE, as, on account of its very attractive color and shape, it sells better than most other varieties. It is one of the earliest; in flavor it is mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy.

Oz. 10 cts; ¼ lb. 20 cts; lb. 60 cts; 5 lbs. and over, 55 cts. per lb.



IMPROVED CHARTIER RADISH.

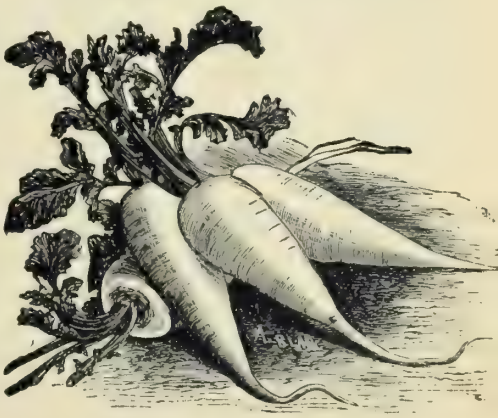
The roots of this variety grow to a large size, about two-thirds of the length from the top being of a crimson-rose color, shading off lighter until at the bottom they become quite white. They are of very thick growth, and ready for use nearly as early as the Long Scarlet. They are exceedingly tender and crisp, and remain so for at least two months. We have sold it very extensively for several years, and it has proved to be the very best scarlet Radish in use for the open ground.

Oz. 10 cts; ¼ lb 20 cts; lb. 50 cts; 5 lbs or over at 45 cts.

IMPROVED EARLY STRASBURG.

By all odds the most profitable WHITE sort for out-door cultivation. The roots are of handsome, oblong, tapering shape; both skin and flesh are pure white. The flesh is firm, brittle, and tender, and possesses the most desirable character of retaining its crispness even when the roots are old and large. It is excellent for summer use, as it withstands severe heat and grows very quickly. The seed can be planted throughout the summer, and fine, large roots will be rapidly formed.

Lb. 50 cts; ¼ lb. 20 cts; oz. 10 cts.



IMPROVED EARLY STRASBURG.

LIVINGSTON'S TOMATOES.

OUR OWN GROWTH SOLD ONLY UNDER OUR TRUE BLUE SEAL.

For the mutual protection of our customers and ourselves against unscrupulous dealers, we have been compelled to adopt the plan of sealing every package of the Livingston varieties of Tomato seeds whether large or small with our True Blue Seal. Because dishonest merchants attached the name of "Livingston" to their spurious strains, unsuspecting planters have supposed they were getting the genuine and have been shamefully wronged. To be sure of getting pure and unimpaired stock seed of all the Livingston varieties, order direct from us or insist on every package bearing our True Blue Seal.

Twenty-two years ago we originated our *Paragon*, which was the first perfectly smooth *red* variety known. Five years later we introduced the *Acme*, the first perfectly smooth *purple* sort known. Since the advent of these sorts we have brought out consecutively the *Perfection*, *Golden Queen*, *Favorite*, *Beauty and Potato Leaf*, until last season we offed the *New Stone*, a variety which is creating a sensation among Market Gardeners. These are all now standard sorts. As originators and introducers of them we use the most assiduous care in growing the seeds, and, although these same varieties are extensively advertised by other dealers, yet we do not hesitate to claim *superiority for our headquarters strains.*

WHAT MARKET GARDENERS SAY.

Mr. Gottlieb Affolter, Tuscarawas, O., Oct. 16, 1891, writes: "In regard to the Stone Tomato, seeds all germinated, plants grew ahead of other varieties, were very stalky, and fruit simply immense. Ripened well, solid and meaty."

Mr. H. H. Aultfather, Minerva, O., Oct. 19, 1891, writes: "I received a package of Livingston's New Stone Tomato Seed from you last Spring. They were planted in hot-beds about April 1. I think every seed grew, and produced a fine, large, stalky plant, which were set out along side of Dwarf Champion, Philadelphia Market Champion, and Livingston's Beauty. I was well pleased with the New Stone, which ripened almost as soon as the Beauty, and were all large, bright, smooth, and very solid, (produced very few culls) the best for market I ever had."

Mr. N. J. Coker, Edwards, Miss., July 23, 1891, writes: "Your Stone Tomato is all you claim for it. It is the finest Tomato I ever planted."

Mr. J. W. Day, Crystal Springs, Miss., June 10, 1891, writes: "I have grown and tested the Stone Tomato, and am proud to say that it is the earliest, most prolific and the largest Tomato I ever grew."

Mr. L. D. Hancock, Brantley, Fla., May 11, 1891, writes: "I bought one pound of Beauty Tomato Seed last Fall, and have just shipped last of crop. They are all you claim for them. I never saw finer Tomatoes than I had, anywhere. I will order from you this Fall, and all of my neighbors will do the same, as they got their seed from ——— and they were no good. You could find all shapes of Tomatoes, mostly Cherry and Peach."

Mr. John Waggoner, McKinney, Ky., Sept. 4, 1891, writes: "Your sample Tomato you sent me last Spring is very large and is an extra good Tomato, early, and bears its fruits in clusters of three and four. It has the right name, "Beauty."

Mr. H. E. Cahill, Winter Haven, Fla., Sept. 8, 1891, writes: "I used your Perfection Tomato Seed last year, and from 12 acres of land planted, I sold nearly $1700 worth of Tomatoes and cleared over $1200.

W. C. Bergen Co., N. J., writing in "Popular Gardening" for Sept. 1891, says: "I have at this writing a patch of 500 Livingston Perfection plants interspersed with about one dozen Dwarf Champion, treated exactly alike, planted same date, and the Perfection will be earlier by ten days, at least."

Mr. Geo. W. King, Orchid, Fla., June 6, 1891, writes: "As your seed I ordered last year was good. I expect to send you order for all my seed this year. The Favorite is far the best for me. It colors better when picked green than any other, and holds out better to the end of the season."

Mr. Arnold Whitwell, Hyde Parke, N. Y., April 3, 1891, writes: "Your Paragon, Beauty and Favorite Tomatoes I have had for years, and think they are hard to beat. I had the pleasure of being told several times that I brought to market the handsomest Tomatoes of any of the gardeners."

LIVINGSTON'S NEW STONE TOMATO.

This new Tomato, introduced by us last season, has already obtained first place among canners, southern growers and market gardeners everywhere. Its solidity and carrying qualities are far in advance of any other sort now known. Its color is a rich red; shape, perfectly smooth and thicker from stem to blossom end than most varieties, making it very handsome and salable. We sold thousands of packets last season, and it was offered by all the principal seedsmen of the country in their catalogues, but we have not heard from a single buyer who had the least fault to find, while every mail brings us testimonials to its beautiful color, its wonderful yielding qualities, its unequaled firmness, or some other of its many superior merits.

Pkt., 10c ; oz., 40c ; ¼ lb., $1.25 ; lb , $4.50.

Sold only under our True Blue Seal.

LIVINGSTON'S FAVORITE.

It is the LARGEST, PERFECT SHAPED RED Tomato in cultivation. Does not crack or rot at blossom end, is a dark red color, ripens evenly and quite early, holding its size to the end of the season. Very prolific, good flavor, few seeds, flesh solid, bears shipping long distances. The Favorite is taking the lead of all red sorts among market gardeners north and south, canners and consumers as well. Oz , 20c.; ¼ lb., 70c.; lb., $2.50.

Sold only under our True Blue Seal.

LIVINGSTON'S PARAGON.

Is a decided favorite with market gardeners and canners. A large sized variety, meat solid and well flavored. Medium early. Color, deep red, perfectly smooth and uniform. Oz., 20c.; ¼ lb., 70c.; lb., $2 50.

Sold only under our True Blue Seal.

LIVINGSTON'S PERFECTION.

Shaped like Acme, but larger, and fully as early. solid flesh, and produces large fruit at the close of the season ; perfectly smooth, blood-red in color. Peculiarly well adopted for CANNING WHOLE on account of its uniformity in size and shape. Oz., 20c ; ¼ lb., 70c; lb., $2.50.

Sold only under our True Blue Seal.

Most Popular Variety Among Market Gardeners and Shippers.

The color is very attractive, being a glossy crimson with a tinge of purple. In shape it is a model. There are absolutely no rough fruits produced. Though quite early it retains its size during the entire season. A wonderful cropper, growing in clusters of four to five fruits. For shipping it can not be excelled, from the fact that fruits picked quite green ripen up to a fresh bright color, without shriveling. Oz , 20c.; ¼ lb., 70c.; lb., $2 50.

Sold only under our True Blue Seal.

LIVINGSTON'S EARLY ACME.

The EARLIEST GOOD TOMATO, for market gardeners' use. Plants are of strong and vigorous growth, very productive, fruit of medium size, form perfect, round, slightly depressed at the ends, very smooth, color a glossy dark red with a sort of purplish tinge, ripens all over and through at the same time. It is vastly superior to any extra early sort with which we are acquainted. Oz , 20c.; ¼ lb., 60c.; lb., $2.25

Sold only under our True Blue Seal.

LIVINGSTON'S

WHOLESALE PRICE LIST

For Market Gardeners, Truckers or other Large Buyers.

BELOW will be found a condensed list of such varieties as are commonly used by leading Market Gardeners. We designate the more prominent sorts by heavy-face type

At the prices quoted, customers must pay cost of forwarding, but it will be found, even after paying these charges, that customers have received their supplies at exceedingly favorable rates. When desired, we will send by mail, but when this is to be done, postage must always be added to these prices at the rate of 8 cents per pound, or 15 cents per quart for Peas and Beans, and 10 cents per quart for Corn. But if wanted by express or freight simply remit whatever your order amounts to, and then you can pay the express or freight charges when seeds arrive. Half a pound will be supplied at pound rates; half pecks at peck rates; half bushels at bushel rates.

For prices of many other varieties of seeds, and also of all varieties by packet, see our Retail Catalogue of True Blue Seeds. On packets we allow Market Gardeners a discount of 33⅓ per cent. Thus: Seeds in packets amounting to $1.50 will be sent for $1.00.

Although the prices given below are very favorable to our customers, yet where a large order is wanted, we can frequently supply at somewhat lower prices. We therefore invite those who wish to buy large quantities to write for Special Prices, sending a list of such seeds as they wish to buy. We hope to offer advantages in the way of prices which will secure all orders where quality is considered.

BEANS—Dwarf or Bush.	Qt.	Pk.	Bu.
Livingston's Round Pod Six Weeks	25	$1 10	$4 00
Emperor William	25	1 25	4 50
Pride of Newtown	20	1 00	3 50
Henderson's Bush Lima	40	3 00	11 00
Dreer's New Bush Lima Pkts. 20c. each.			
Extra Early Mohawk	20	1 00	3 25
Ex. Early Ex. Round Pod Valentine	20	1 00	4 00
Extra Long Yellow Six Weeks	20	1 00	3 25
Best of All	20	1 00	3 75
Improved Extra Early Refugee	25	1 20	4 50
White Valentine	20	1 00	3 50
Dwarf Horticultural	25	1 10	4 00
White Kidney, or Royal Dwarf	20	1 00	3 25
Boston Small Pea	20	1 00	3 25
White Marrow	20	1 00	3 25
Refugee, or 1000 to 1	20	1 00	3 20
Early China Red Eye	20	1 00	3 50
Burlingame Medium	20	1 00	3 75
White Navy	20	1 00	3 25
Extra Early Refugee Wax	30	1 60	6 00
Scarlet Flageolet Wax	25	1 45	5 00
Violet Flageolet (Perfect'n Wax)	25	1 40	5 00
Black-Eyed Wax	25	1 40	5 00
Im. Golden Wax (rust proof strain)	20	1 25	4 50
Detroit Wax	20	1 25	4 50
New Prolific German, or Cylinder Black Wax	25	1 40	5 00
White Wax	25	1 40	5 00
Mammoth Yosemite Wax	50	3 75	
Crystal Wax	25	1 40	5 00
New Speckled Wax	25	1 40	5 00
German Black Wax, or Butter	20	1 25	4 50
Wardwell's Kidney Wax	30	1 60	6 00
Golden-Eyed Wax	25	1 40	5 00
BEANS—Pole.			
New Early Golden Cluster Wax	40	2 50	9 00
Large White Lima	30	1 85	7 00
Extra Large White Lima	35	2 25	8 00
Dreer's Imp. Lima (Challenger)	30	1 85	7 00
Kentucky Wonder	35	1 85	7 00
White Creaseback	25	1 75	6 00
Lazy Wives'	45	2 75	10 00
Cut Short or Corn Hill	35	2 00	7 50
Jersey Extra Early Lima	30	1 85	7 00
Mammoth Kidney-Shaped	35	2 50	9 00
King of the Garden	35	2 25	8 50
Early Dutch Case Knife	25	1 40	5 00

BEANS—Pole.—Con.	Qt.	Pk.	Bu.
Red Giant Wax	40	$2 25	$8 00
Speckled Cranberry	25	1 40	5 00
Southern Prolific	25	1 40	5 50
Small Lima, or Sieva	30	1 85	7 00
SWEET CORN—Extra Early.			
Cory, extra early	15	90	3 00
New White Cory	15	1 00	3 25
Adams' Extra Early	15	75	2 50
Moore's Early Concord	15	90	3 00
Early Marblehead	15	90	3 00
Early Minnesota	15	90	3 00
Crosby's Early	15	90	3 00
SWEET CORN—Second Early.			
Shakers' Early	15	90	3 00
Early Bonanza	15	1 00	3 25
Early Mammoth	15	1 00	3 25
Pee and Kay	15	90	3 00
Livingston's Early Evergreen	15	90	2 75
Ne Plus Ultra, or Shoe Peg	15	1 00	3 25
Stabler's Early	15	1 00	3 25
Perry's Hybrid	15	90	3 00
New Triumph	15	1 00	3 25
SWEET CORN—Late.			
Livingston's New Gold Coin	15	90	3 00
Egyptian, or Wash'ton Market	15	80	2 75
Potter's Excelsior	15	90	3 00
Stowell's Evergreen	15	80	2 75
Black Mexican	15	1 00	3 25
Improved Hickox	15	90	3 00
Mammoth Sugar	15	80	2 75
Sweet Corn, for Fodder		50	1 75
Old Colony	15	80	2 75
PEAS—Extra Early.—			
Livingston's First in Market	20	$1 10	$4 00
Alaska	25	1 25	4 75
Blue Beauty	25	1 25	4 50
First and Best	20	90	3 50
American Wonder (true stock)	25	1 25	4 50
Tom Thumb	25	1 35	5 00
McLean's Little Gem	25	1 25	4 50
Premium Gem	25	1 25	4 50
Philadelphia Extra Early	15	90	3 25
Improved Dan O'Rourke	15	90	3 25
Very Early Dwarf Sugar	25	1 35	5 00

SECOND EARLY AND LATE.	Qt.	Pk.	Bu.
New Heroine, pkt. 10 cts.	60	....	....
Horsford's Market Garden	20	$1 10	$4 00
McLean's Advancer	20	1 00	3 75
Pride of the Market	25	1 35	5 00
Telephone	25	1 40	5 50
Stratagem	25	1 40	5 50
Abundance	20	1 00	3 75
Bliss' Everbearing	20	1 10	4 00
Telegraph	25	1 40	5 50
Champion of England	20	90	3 50
Yorkshire Hero	20	1 10	4 00
Melting Sugar	50	3 50	12 50
Blue Imperial	20	90	3 25
Black Eye Marrowfat, hand-picked	15	60	2 25
White Marrowfat, handpicked	15	60	2 00
Tall Sugar	25	1 35	5 00
Sanders' New Marrow	35	1 75	6 00
Fill Basket	25	1 35	5 00

ASPARAGUS.—	Oz.	¼ lb.	Lb.
The Palmetto .....5 lbs. $4.00	10	25	90
Palmetto Roots, 2 yrs. old, $7 per 1000			
Conover's Colossal ..5 lbs. $1.75	5	15	40
Conover's Colossal Roots, 2 yrs. old, $4.50 per 1000.			
Barr's Mammoth .....5 lbs. $4.00	10	30	1 00
Barr's Mammoth Roots, 2 yrs. old, $5 per 1000.			

BEET.—			
New Crosby's Egyptian.5 lb $5.00	10	30	1 10
Extra Early Eclipse (fine), 10 lbs. $4.50	5	15	50
Extra Early Egyptian Turnip, 10 lbs., $5 50	5		60
Early Blood Turnip	5	15	40
Early Bassano	5	15	50
Dewing's Improved Blood Turnip, 10 lbs., $4 00	5	15	45
Bastian's Early Blood Turnip, 10 lbs., $4.50	5	15	50
Long Blood Red	5	15	40
Edmand's Early Turnip, 10 lbs. $4.50	5	15	50
Lentz Extra Early Blood Turnip, 10 lbs., $4.50	5	15	50

MANGEL WURZEL AND SUGAR BEETS.—			
Lane's Improved Imperial Sugar (5 lbs., $1 75)	5	15	40
Mammoth Long Red Mangel (5 lbs., $1 25)	5	10	30
Mammoth Red Globe Mangel (5 lbs , $1 25)	5	10	30
Golden Tankard (5 lbs , $1.25)	5	10	30

CABBAGE — American Grown.			
Extra Early Etampes	15	50	1 50
Burpees All Head, new (pks., 15c.)	40	1 20	4 50
Early Drumhead	20	50	1 75
Extra Large (Charleston Type) Jersey Wakefield	25	75	2 50
Selected Ex. Early Jersey Wakefi'd	25	75	2 50
Vandergaw	20	60	2 00
Selected Henderson's Early Summer	20	60	2 00
Extra Early Flat Dutch	15	50	1 75
Early Winningstadt, Extra Fine Selected	25	75	2 50
Early Winningstadt, ordinary,	15	40	1 50
Fottler's Brunswick, Ex. Stock, Blue Strain	25	65	2 50
Fottler's Brunswick, ordinary,	20	50	1 75
Succession, new	25	65	2 50
All Seasons	20	60	2 00

CABBAGE—Amer. Grown.—CON.	Oz.	¼ lb.	Lb.
Livingston's Premium Flat Dutch, Very Select	20	50	1 75
Autumn King, new	30	90	3 25
Chase's Excelsior, very fine	20	60	2 25
Large Late Flat Dutch	15	40	1 40
Genuine Sure Head	20	60	2 25
Large Late American Drumhead	15	40	1 40
Early Louisville Drumhead	20	60	2 50
Marblehead Mammoth	15	50	1 60
Bridgeport Drumhead, from selected heads	20	60	2 00
Short Stem Drumhead, new	20	65	2 50
Large Blood Red Dutch	15	50	1 40
Early Blood Red Erfurt	15	50	1 60
Mammoth Rock Red	40	1 50	....
American Drumhead Savoy	20	50	1 75

CARROT.—			
Guerande or **Ox Heart**	10	25	85
Early French Forcing	10	30	90
Early Short Scarlet Stump Rooted	10	25	75
New Intermediate or St. Vallery	10	25	75
Improved Long Orange	10	20	60
Danver's Orange, improved	10	20	65
Nantes Ea. Half Long Scarlet	10	20	70
Chantenay " " "	10	20	70
White Belgian, for Stock	5	15	50
Yellow Belgian, for Stock	5	15	50

CAULIFLOWER.—	Pkt.	¼ oz.	Oz.	¼ lb.
Livingston's Earliest	25	90	3 50	12 00
Henderson's Ea. Snowball	20	75	2 75	10 00
Extra Early Dwarf Erfurt	20	60	2 25	8 00
Half Early Paris or Nonp.	10	20	60	2 00
Lenormand's Short Stem,	10	20	60	2 00
Large Late Algiers	10	20	60	2 00
Veitch's Autumn Giant	10	20	50	1 75

CELERY.—	Oz.	¼ lb.	Lb.
Giant Pascal, new	25	75	2 75
White Plume, very Choice Strain	25	75	2 75
Golden Self-Bleaching	30	85	3 00
Arlington	25	65	2 50
New Rose, Choice	20	60	2 00
Dwarf Golden Hearted, best for main crop	15	50	1 75
Perfection Hartwell	15	50	1 75
Giant White Solid	15	45	1 60
Boston Market	15	50	1 75
Crawford's Half Dwarf	15	50	1 75
Red Solid	15	40	1 50
Celeriac, Turnip-rooted	10	30	1 00
Celeriac, Apple-shaped	15	35	1 25

CHICORY—See Catalogue.

COLLARDS—See Catalogue.

CHERVIL—See Catalogue.

CORN SALAD.—			
Large Broad Leaved	10	20	60

CRESS.—			
Extra Curled (Pepper Grass)	10	20	50
True Water	30	90	....

CUCUMBERS.—			
Livingston's New Evergreen	15	40	1 40
Nichol's Medium Green, original	5	20	60
Improved Early White Spine	5	20	60
Selected Extra Early White Spine	10	30	1 00
Peerless White Spine	5	20	60
Green Prolific	5	20	60
Jersey Pickle	5	20	60
Early Green Cluster	5	20	60
Early Russian	5	20	60
Improved Long Green	5	20	60
Early Frame	5	20	60
Boston Pickling	5	20	60

CUCUMBERS.—Con.	Oz.	¼ lb.	Lb.
Gherkin, or Burr	10	30	1 00
Westerfield Chicago Pickle	5	20	60
Arlington White Spine	5	20	60
Giant Pera	10	35	1 25

ENGLISH FRAME FORCING VARIETIES.—Per pkt., 25 cts.

Lord Kenyon's Favorite. Duke of Edinburg.
Telegraph Cuthill's Black Spine.

EGG PLANT.—	Oz.	¼ lb	Lb.
Livingston's Mammoth Purple, very select, thornless	50	1 50	5 00
New York Improved Purple	40	1 25	4 00
Black Pekin	40	25	4 00
Early Long Purple	20	60	2 00
ENDIVE.—			
Green Fine Curled Winter	20	50	1 75
Ever White Curled	20	40	1 50
Broad Leaved	20	50	1 75
KALE.—			
New Dwarf, very early	15	40	1 25
Siberian, or Dwf. Ger'n Greens	5	15	40
Dwarf Green Curled Scotch	10	35	1 00
KOHL-RABI.—			
Early Purple Vienna	15	50	1 75
Early White Vienna	15	50	1 75
Short Leaved Vienna	20	60	2 00
LEEK.—			
Carentan, or **Scotch Champion**	10	35	1 25
American Flag, very large	10	30	1 00
Large Rouen	10	35	1 25
LETTUCE.—			
New Grand Rapids (extra fine for forcing)	20	60	2 00
Select Hanson	15	40	1 25
New York	15	35	1 25
New Denver Market	20	50	1 75
Oak Leaved	15	35	1 25
White Seeded Tennis Ball, or Boston Market	15	35	1 25
Black Seeded Tennis Ball	15	35	1 25
New Improved Defiance Summer	15	40	1 50
Tomhannock	15	35	1 25
The Deacon	15	35	1 25
New Silver Ball	15	40	1 50
Black Seeded Simpson, Select	15	35	1 25
Early Curled Simpson	15	35	1 25
Phil. Dutch, Butter Spotted	15	35	1 25
All the Year Round	15	35	1 25
Early White Cabbage	15	35	1 25
New Perpetual	10	35	1 25
Gold Nugget	15	40	1 50
Improved Yellow Seeded Butter	15	35	1 25
Black Seeded Butter	10	35	1 25
Golden Stonehead	15	40	1 50
Salamander	15	35	1 25
Blonde Blockhead	20	40	1 50
Philadelphia Butter	15	35	1 25
Buttercup	15	35	1 25
New Sunset Cabbage	20	40	1 50
Marblehead Mammoth	15	40	1 50
Hubbard's Market	15	35	1 25
MELON, MUSK.—			
Livingston's New Columbus, See Specialties, Pkts., 20 cts each, 7 for $1 00			
Livingston's Market, Novelty 1891	20	70	2 50
Ward's Nectar, Excellent	10	20	70
New Osage, or Miller's Cream, 5 lbs., $2.75	10	20	60
Emerald Gem, 5 lbs $3.25	10	25	75
White Japan	10	20	60

MELON, MUSK.—Con.	Oz.	¼ lb.	Lb.
Extra Early Green Nutmeg	10	20	65
Improved Orange Christiana	10	20	65
Champion Market	10	20	60
New Early Hackensack 5 lbs, $2.75	10	20	60
Perfection (The Princess)	10	20	60
Bird's Cantaloupe	10	25	75
Surprise, Choice	10	20	60
Large Green Nutmeg	10	20	65
Skillman's Fine Netted	10	20	60
Hackensack, True Stock, 5 lbs. $2.75	10	20	60
Casaba	10	20	60
Jenny Lind, Extra Early	10	20	60
Improved Montreal Market	10	20	60
Bay View, 5 lbs, $2.75	10	20	60
Acme or **Baltimore Nutmeg**, 5 lbs., $2.75	10	20	60
Prolific Nutmeg	10	20	60
Chicago Market Nutmeg	10	20	60
Golden Netted Gem, Select Stock 5 lbs., $3 50	10	25	80
Banana	10	25	70
Supurb, New	25	75	2 70
Banquet, New	25	80	3 00
Delmonico	10	20	60
MELON, WATER—			
Livingston's New Turkish Dwarf Pkt. 15c. Doz. Pkts., $1.50			
Livingston's New Gragg	10	25	90
New Dixie	15	40	1 50
Seminole, 5 lbs., $3.00	10	20	70
Florida Favorite, 5 lbs., $2 50	10	20	60
The Volga (new)	10	20	65
Kolb's Gem (choice), 5 lbs., $2.50	10	20	60
Johnson's Christmas	10	25	75
Hungarian Honey	10	20	60
Gray Monarch or **Long Icing**	10	25	75
Green and Gold	10	25	75
Excelsior	10	20	60
Pride of Georgia, 5 lbs, $2.50	10	20	60
Black Spanish	10	20	50
Cuban Queen, 5 lbs., $2.50	10	20	60
Mammoth Iron Clad, 5 lbs. $2.50	10	20	60
Scaly Bark	10	20	65
Peerless	10	20	60
Im. Mount'n Sweet, 5 lbs $2.00	10	20	50
Phinney's Early, 5 lbs., $2 50	10	20	60
Vick's Early, 5 lbs., $2.50	10	20	60
Improved Ice Cream, (true) White Seed, 5 lbs., $2.50	10	20	60
The Boss	10	20	60
Gypsy or Rattlesnake	10	20	60
Dark Icing	10	20	60
Icing, or the Ice Rind	10	20	60
Green Citron Preserving	10	20	60
Colorado Preserving	10	20	65
Delaware, New	10	25	60
White Gem, New	10	30	....

MUSHROOM SPAWN.—

English Milltrack, Our own importation from one of the most celebrated makers in Europe. Per Brick, 15c.; doz. bricks, $1.50.

French, 2 lbs., 70c.; 10 lbs., $3.00.

MUSTARD.—	Oz.	¼ lb.	Lb.
White	5	10	30
Brown or Black	5	10	30
NASTURTIUM.—			
Tall	10	25	90
Dwarf	10	30	1 00

OKRA.—	Oz.	¼ lb.	Lb.
White Velvet (extra fine)	10	20	65
Dwarf White	10	20	55
New Dwarf Density	10	25	90

ONION.—*Please write for Prices on Large Lots.*

Extra Early Red, 10 lbs. $16.00	20	50	$1 70
Extra Large Red Wethersfield, 10 lbs., $15.00	15	45	1 60
Ex. Early Red Globe, 10 lbs $18.00	20	60	1 90
Yellow Danvers Flat, 10 lbs. $15.50	15	45	1 60
Yellow Danvers Globe 10 lbs, $16.00	20	50	1 75
Philadelphia Yellow Dutch, or Strasburg, 10 lbs., $15.50	15	45	1 65
Southport Large Red Globe	20	50	1 75
Southport Large Yellow Globe	20	50	1 75
Southport Large White Globe	25	80	3 00
White Portugal or Silverskin	25	90	3 25
ITALIAN VARIETIES.			
Hard Round Silver Skin	20	50	1 75
Giant Red Rocca	15	45	1 50
Giant White Rocca	15	45	1 60
Giant Yellow Rocca	15	40	1 40
Spanish King, or Prizetaker	35	1 10	4 00
Mammoth Silver King	20	60	2 25
Earliest White Queen	20	60	2 00
New White Bunch	20	50	1 75
New Mammoth Pompeii	20	50	1 75
Giant White Tripoli	15	40	1 50
Extra Early Barletta White	20	70	2 50
Pale Red Bermuda (California)	20	60	2 00

PARSNIP.—			
Long White Sugar	5	15	40
Selected Hollow Crown	5	15	50
Maltese	5	15	40
Livingston's New Zimpher	10	30	1 00

PARSLEY.—			
Plain, or Single	5	15	50
Fine Double Curled	5	20	60
Champion Moss Curled	10	25	75
Fern Leaved	10	25	70
Hamburg, or Turnip Rooted	10	25	70

PUMPKIN.—			
Connecticut Yellow Field		10	25
Small Sugar	10	20	60
Large Cheese, or Sweet	5	15	40
Mammoth Potiron	10	25	90
Tennessee Sweet Potato, fine	10	25	80
Japanese Pie	10	30	1 00
New Golden Oblong	10	20	75

PEPPER—			
New Celestial	25	80	2 50
Coral Gem Boquet	30	1 00	3 50
New Red Cluster	25	85	3 00
Mammoth Ruby King, very choice hand saved	30	1 00	3 50
Sweet Mountain	15	50	1 75
Bull Nose, or Large Bell	15	50	1 75
Red Squash, or Tomato	20	70	2 50
Long Red Cayenne	20	65	2 25
Small Cayenne	20	65	2 25
Red Chili	25	80	3 00
Red Cherry	20	70	2 50
Oxheart (new)	20	70	2 50
Sweet Spanish	20	70	2 50
Golden Upright, sweet, for Mangoes	40	..	....

POTATOES.—

Our barrels contain 2¼ bushels. Prices subject to market changes. We deliver all Potatoes into the hands of transportation companies, carefully packed; after that our responsibility ceases. Purchasers must take all risk from freezing or heating. In comparing our prices on Potatoes, remember that we make no charge for barrels or cartage, but deliver F. O. B. Columbus, at prices quoted.

	Pk.	Bu.	Barrel.
New Seneca Beauty, 10 barrels @ $3.00	50	1 50	3 50
New Pride of Ireland	50	1 50	3 50
Extra Early Ohio, the very best for Market Gardeners' first planting, 10 bbl. @ $2.75	35	1 15	3 00
Early Beauty of Hebron	35	1 10	2 75
Bill Nye	35	1 10	2 75
Empire State	35	1 15	3 00
Early Rose	35	1 15	3 00
Green Mountain	35	1 10	2 75
Early Sunrise	35	1 10	2 75
Burpees Ex. Early	35	1 15	3 00
Bliss Triumph, or Improved Bermuda	40	1 25	3 25
Crown Jewel	40	1 25	3 25

We can usually supply many other kinds not here mentioned. Write for prices naming kinds wanted.

RADISH.—	Oz.	¼ lb,	Lb.
Livingston's New Pearl Forcing	20	60	2 00
New White "Box" Forcing	10	20	60
New Fire Ball, Excellent	10	20	70
Chartier Summer Turnip	10	20	55
New Rosy Gem	10	20	65
Beckerts Chartier, choice stock	10	20	50
Scarlet Globe Forcing	10	20	60
Wood's Early Frame	10	20	45
Extra Early Long Scarlet Short Top, 10 lbs, at 35c	10	20	40
Early Golden Yellow Oval	10	20	60
Ex. Early Scarlet Turnip	10	20	45
Scarlet Olive Shaped	10	20	45
French Breakfast	10	20	45
Yellow Summer Turnip	10	20	45
Large White Summer Turnip	10	20	50
Golden Globe	10	20	50
New White Strasburg, very valuable	10	20	50
Early Round Dark Red	10	20	50
Gray Summer Turnip	10	20	50
White Tipped Scarlet Turnip	10	20	50
Extra Early White Turnip	10	20	45
Long White Naples	10	20	50
Long Brightest Scarlet White Tip	10	20	60
Giant White Stuttgart	10	20	50
White Lady Finger	10	20	65
China Rose Winter	10	20	65
Long Black Spanish	10	20	60
Long White Spanish	10	20	60
Round Black Spanish	10	20	60
California Mammoth	10	20	65

RHUBARB.—See General Catalogue.

SALSIFY.—			
Mammoth Sandwich Island	10	35	1 25
Long White	10	30	1 00
Scorzonera—Black	15	40	1 50

SPINACH.—	10 lb.	Bus.	Lb.
Norfolk Savoy	1 80	6 00	25
Round Leaf	1 80	6 00	25
Best Prickly Seeded Winter	1 75	6 00	25
Best Viroflay Thick Leaf	1 75	6 00	25
Best Long Standing	1 80	6 00	30
New Zealand, oz. 10, ¼ lb. 20			75

SQUASH.—	Oz.	¼ lb.	Lb.
Livingston's New Pie, Pkt. 10c.			
Fordhook	10	25	75
Mammoth White Scallop	10	25	75
Giant Summer Crookneck	10	30	1 00
Choice Golden Summer Crookneck	15	15	50
Long Green Summer Crookneck	10	30	1 00
Colvin's Orange Marrow	10	20	65
Choice White Bush Scallop	15	15	50
New White Pineapple	10	20	60
Golden Custard—new	10	30	1 00
Hubbard	10	20	60
Livingston's Imp. Cushaw, very fine	10	25	90
Boston Marrow	5	15	50
Sibley, or Pike's Peak	10	20	65
Essex Hybrid, choice for winter market	10	20	60
Mammoth Chili	10	30	1 00
Winter Crookneck	10	20	60
Marblehead	10	20	65
New Prolific Marrow	10	20	65
Perfect Gem	10	20	65
Cocoanut	10	20	60
Brazil Sugar	10	25	75
Bay State	10	20	65
Egg Plant	10	30	1 00

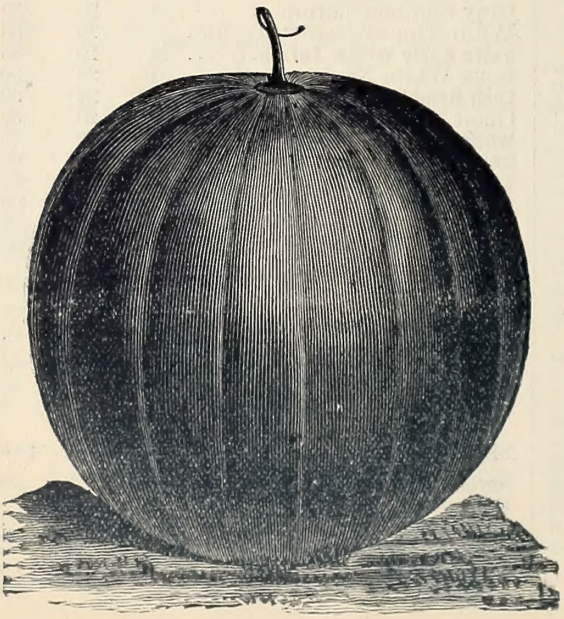
TURNIP.—			
Extra Early Purple Top Milan	10	20	70
Purple Top Strap Leaf	5	15	35
Purple Top White Globe—very valuable	5	15	40
White Top Strap Leaf	5	15	40
White Flat Dutch	5	15	35
Amber Globe	5	15	40
Large White Globe	5	15	40
White Egg	5	15	50
Sweet German	5	15	50
Seven Top	5	15	50
RUTA BAGA.			
Improved American Yellow	5	15	40
White Sweet Russian	5	15	50

TOMATO.—	Oz.	¼ lb.	Lb.
Livingston's New Stone, *Sealed*	40	1 25	4 50
Livingston's Potato Leaf, *Sealed*	20	70	2 50
Livingston's New Beauty, *Sealed*	20	70	2 50
Livingston's Paragon *Sealed*	20	70	2 50
Livingston's Acme *Sealed*	20	60	2 25
Livingston's Favorite *Sealed*	20	70	2 50
Livingston's Perfection *Sealed*	20	60	2 25
Livingston's Golden Queen *Sealed*	25	90	2 75
New Purple Peach	25	90	3 00
New Yellow Peach per pkt 10c	25	90	3 00
Dwarf Champion	20	70	2 50
Canada Victor	20	60	2 00
Hathaway's Excelsior	20	60	2 00
Trophy choice selection	20	60	2 25
Conqueror	20	60	2 00
Essex Hybrid	20	60	2 00
Mayflower	20	60	2 00
Cardinal	20	60	2 00
Table Queen—new	50	1 75	...
The Queen (Paragon)	20	60	2 25
Ignotum—new	25	90	3 00
Atlantic Prize	25	90	3 00
Optimus	20	60	2 25
Plum Shape Yellow	20	70	2 50
Turner's Hybrid or Mikado	20	70	2 50
Extra Early Advance	20	70	2 50
Volunteer	20	60	2 00
Lorillard new	20	60	2 25
Red Currant	50	..	....
Red Cherry	25	70	....
Yellow Cherry	25	70	....
Yellow Husk	50	..	....
Purple Husk	50	..	...

POT, SWEET AND MEDICINAL HERBS.—

	Pkt.	Oz.		Pkt.	Oz.
Balm	5	35	Lavender	5	20
Basil Sweet	5	20	Sweet Marjoram	5	25
Borage	5	20	Saffron	5	15
Caraway	5	10	Sage	5	20
Coriander	5	10	Savory, Summer	5	15
Dill	5	5	Savory, Winter	5	15
Fennel Sweet	5	15	Thyme	5	50

NEW TURKISH DWARF WATERMELON.



This new melon which we now offer for the first time is of Turkish origin, and we predict for it a very prominent place in public favor as soon as its merits are known. It is extra early and the vines of dwarf habit, allowing it to stand at least one-third closer than ordinary sorts. The quality is not excelled, and all things considered we claim for it the first place among *early market sorts.* The following faithful testimony from a prominent melon specialist gives a good idea of its qualities:

GENTLEMEN—Having grown some of your Turkish Dwarf Watermelons the past season, I wish to say that while I did not find it so "dwarf" as expected, yet the hills could stand one-third closer than any of the standard sorts, the vines not growing more than one-half as long as those of Kolb's Gem. The color is a smooth dark green, with stripes of light green running from pole to pole. These latter give the melon an appearace of being distinctly ribbed like a Muskmelon, when in reality the ribs are barely perceptible. The melons are round in shape and will average about 10 pounds each in weight. Our season has been a peculiar one and very unfavorable for vines. Nothing has ripened naturally, so that while I cannot tell just how it will ripen under ordinary conditions, yet it gave indications of being very early. The quality is excellent, fine grained and sweet. No doubt this will be a valuable variety to grow for early market, and owing to its peculiar appearance, in connection with the quality, will sell readily.

Yours truly,

J. C. ROBINSON.

Prices: Per pkt., 15c; per doz. pkts, $1.50

PLANT BED CLOTH

SASH COVERED WITH PROTECTING CLOTH.

This we have found an excellent substitute for glass in protecting and forwarding all kinds of seeds and plants on which glass sashes are used in EARLY SPRING. It is safer, in fact, than glass, as it protects at night, while the temperature is not raised too high during the day—as is the case with glass sashes unless great care is given in ventilating—and being light and portable it can be sent into sections where it would be difficult to get sash. The patent treatment given the cloth fills the threads and fibers and preserves them from decay, and also renders it tougher, heavier and stronger, and prevents it from shrinking after getting wet, and to some extent sheds rain. There is no Linseed Oil in the treatment of the cloth, and therefore, at no time, will the cloth stick together, or heat when laid down in close piles, as the Linseed Oil treatment often does. It may be stated, that it costs only one-tenth the price of glass sash; and as it is a waterproof fibre, it will, with care, last several seasons. Sample free. Its convenience is a great point. We furnish this cloth in one-yard widths, and in any number of yards desired, as follows;

LIGHT GRADE, mostly used in Southern States for covering Tobacco-plant beds, and in the north for shading Greenhouses, per piece of 68 yards, at 3½ cents per yard; for any less quantity 4½ cents per yard. **MEDIUM GRADE**, the best for general purposes, per piece of 40 to 60 yards, at 7½ cents per yard; for any less quantity, 9 cents per yard. **HEAVY GRADE**, per piece of 40 yards, at 9¾ cents per yard; for any less quantity, 11 cents per yard.

RAFFIA (IMPORTED, BEST GRADE).

This substance gives better satisfaction than anything else for tying plants, asparagus bunches, &c., &c. It is light, neat, strong, durable and very cheap. Per lb, 25 cts.; 10 lb., at 20 cts.; 100 lb., 15 cts. per pound.

WHITE COTTON TWINE—For tying Herbs, Radishes, Beets, Celery, Onions, Salsify, &c., &c. $1.00 per 5 pound bag.

INSECTICIDES.

HAMMONDS SLUG SHOT.

Non-poisonous; no danger need be apprehended by the person applying it, nor will it injure chickens or animals should they eat it, unless in large quantities. It does not render injurious the vegetables or fruits on which it is applied, and yet it is probably the best insect destroyer ever offered for the destruction of potato bugs and all worms and insects. It comes ready to be applied, and is simply dusted lightly on so that it reaches all parts of the plants. For further information send for our little book on Slug Shot. We have sold Slug Shot for years, and have many letters from different sections recommending it.

PRICES—In barrels holding 235 lb., net, 3 cents per lb; 100 lbs., $3.50; 50 lbs., $2.00; 10 lbs., 50 cents. By mail, post paid, 1 lb., 30 cents; 3½ lbs., $1.00.

DUSTERS FOR SLUG SHOT OR OTHER POWDERS—½ gallon size, 30 cts.; gallon size, 50 cts.

BELLOWS FOR SLUG SHOT OR OTHER POWDERS—Medium size, $1.25, Large, $2.00.

HAMMOND'S GRAPE DUST—For the prevention and destruction of mildew on plants; 5 lb. package, 30 cts.; by mail, 30 cts. per pound.

HAMMOND'S THRIP JUICE—Per gallon, $1.00

TOBACCO DUST—A sure remedy for green fly. Per lb., 5 cts.; per 100 lbs, $3.00.

TOBACCO STEMS—For fumigating. In bales of about 250 lbs., $1.50; per bbl., $1.00.

FLOUR OF SULPHUR—A preventive and cure for mildew. Lb., 6 cts.; 100 lbs., $5.00.

HELLEBORE—Thoroughly effective. Per lb., 25 cts.

PERSIAN INSECT POWDER—For destroying roaches, ants and fleas. Per lb., 50 cts.; by mail 65 cts.

PURE PARIS GREEN—Strictly pure. 25 cts. per lb.; in 28 lb. kegs, 23 cts. per lb.

WHALE OIL SOAP—Per lb., 10 cts.; per 100 lbs. $7.50.

PAINTED WOODEN POT LABELS.

Pot 3½ inches, per 1000	$0 45
" 4½ " "	60
" 5 " "	70
" 6 " "	80
" 8 " "	1 25

FERTILIZERS.

GENUINE PERUVIAN GUANO—Is one of the best and most powerful stimulants to plants and growing crops. 20 lbs., $1.00; 100 lbs., $3.00; ton, $40.

PURE GROUND BONE—Is well adapted for general fertilizing purposes. The sample we offer is of very fine quality and pure. For lawns, gardens and farms. 100 lb., $2.50; 200 lb., $4.00; ton, $33.

PURE DISSOLVED BONE PHOSPHATE—It is a complete manure, and gives large increase of crops for a small outlay. You can buy cheaper grades, but they will not give the satisfactory returns. 250 lb. bbl., $4.50; ton, $30.

NITRATE OF SODA—For early vegetable crops, especially where leaf growth is desired, it will produce wonderful results. As the market fluctuates, price is liable to change without notice. Write for price on large quantity. Price now, $4.00 per 100 lb. Ton price on application.

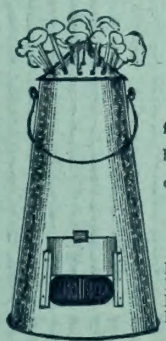
MAPES' POTATO MANURE—Having frequent inquiries for this Celebrated Special Manure, we offer 200 pound bag, $5.50. Special price per ton on application.

PURE CRUSHED BONE—A coarse article used largely for feeding poultry; also the best grade for preparing grape vine borders. 25 lbs., $1.00; 100 lbs., $3 00; ton, $40.

CRUSHED SHELL FOR POULTRY—Those who wish to increase their supply of eggs and keep poultry in a healthy condition, try this. It pays well. 10 lbs. 25 cts.; 100 lbs., $1.00.

MISCELLANEOUS GARDEN TOOLS.

	BY EXPRESS. EACH.	DOZEN.
Concave Potato Knife	$ 25	$ 2 50
Solid Shank Garden Trowel, 6-inch	40	4 25
Solid Shank Garden Trowel, 7-inch	50	5 25
Excelsior Weeder	20	2 00
Hazeltine "	20	2 00
Noyes' "	25	2 75
Gem "	20	2 25
Lang's "	25	2 50
Dibble	40	4 25
Insect Bellows, small	75	8 00
Insect Bellows, large	1 25	12 50
Putty Bulb Scollay	1 00	10 00
Wotherspoon Watering Pot, (holds 2 gallons)	2 00	
" " " (holds 2½ ")	2 25	
" " " (holds 3 ")	2 50	



EUREKA FUMIGATORS.

Galvanized. The best known apparatus for fumigating green-houses, graperies and buildings, Self-acting, perfectly safe; made of extra heavy sheet iron, galvanized.

PRICE LIST.

For House 10 x 20 feet	$1 25
For House 12 x 40 feet	2 00
For House 15 x 100 feet	2 50
For House 20 x 100 feet	3 50

THE PLANET JR. HORSE AND HAND IMPLEMENTS.

These are the most popular and satisfactory tools for garden and field use. We can show but a portion of them and only partially describe them here, but we shall be glad to send our

SPECIAL PLANET JR. CATALOGUE,

containing full description and fifty illustrations, free to all who will write for it.

THE PLANET JR. HILL DROPPING GARDEN DRILL.

This is an entirely new machine, the latest and best of the "Patent Jr." family. It holds two quarts, and sows all kind of garden seed with the greatest regularity. It sows in drills as well as the No. 2 Drill, and will also drop in neat hills either four, six, eight or twelve inches apart. It can be changed from a hill to a drill dropping machine or the reverse, or can be thrown in or out of gear in a moment, and will not sow when run backwards. It is nicely adapted to working all conditions of land, the sowing is regular, no matter whether the drill is full or nearly empty. The discharge of the seed can be stopped instantly at the end of the row, so that none need be wasted. The marker can be set any distance desired up to twenty inches. The ability to drop in hills is a great advantage, as it saves considerable seed, insures vigorous plants at even distances, and saves an immense amount of hand labor in thinning out. The machine is thoroughly well made and the best tool in the market Price, $10.00.

$10.00
Our Price for The New Hill Dropping Drill is $10.
(Factory Price, $12.)

THE PLANET JR. COMBINED HILL DROPPING AND FERTILIZER DRILL.

This is the same as the New Hill Dropping Seed Drill, except that it has a fertilizer sowing attachment. It works in a most perfect manner, sowing any desired quantity, and is so arranged that the fertilizer can be placed either above or below the seed, covering it lightly. This machine is a perfect and invaluable tool for every market gardener, and onion and strawberry grower.
Price complete..... $5 00

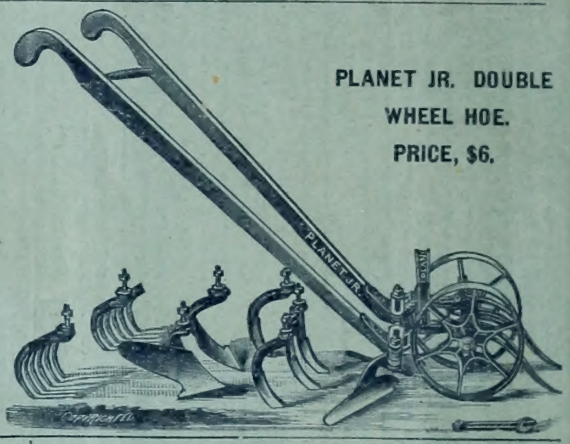
The Planet Jr. No. 2 Seed Drill..... $7 00
The Planet Jr. Combined Drill, Wheel Hoe, Cultivator and Plow..... 9 50

"PLANET JR." DOUBLE WHEEL HOE.

HOES BOTH SIDES OF THE ROW AT ONCE,

at the speed of a moderate walk. It will enable one to cultivate double his usual acreage of hoed crops. Has a great variety of attachments, all of those shown in the cut go with the machine at the very moderate

PRICE, $6.00.



PLANET JR. DOUBLE WHEEL HOE.
PRICE, $6.

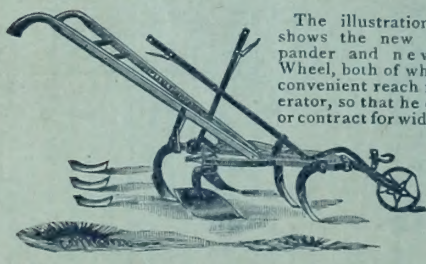
"PLANET JR." SINGLE WHEEL HOE

is considerably lighter than the Double, but capable of nearly the same variety of work. The attachments are nearly identical, although intended to work chiefly between the rows. By changing the wheel to one side, however, it works both sides of the row admirably while plants are small. A most valuable and useful combination.

PRICE, $4.75.

"PLANET JR."

ALL-STEEL 1891 HORSE HOE.

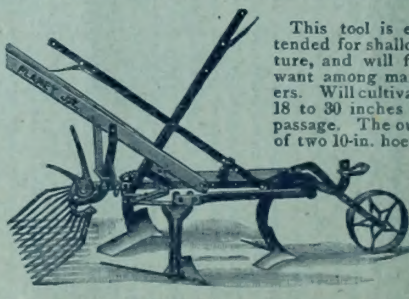


The illustration herewith shows the new Lever expander and new Lever Wheel, both of which are in convenient reach for the operator, so that he can expand or contract for wide or narrow rows, and raise or lower the wheel, thus controlling depth o working.

PRICE, complete with New Lever Expander and New Lever Wheel, $9 00.

"PLANET JR."

MARKET GARDENERS HORSE HOE and PULVERIZER



This tool is especially intended for shallow level culture, and will fill a long-felt want among market gardeners. Will cultivate rows from 18 to 30 inches wide at one passage. The out-fit consists of two 10-in. hoes, one 12-in. sweep, and a 25-in. pulverizer. Regarded by the manufacturers as their greatest achievement.

Price, without Pulverizer, $7.50. Pulverizer, $2.00 Extra.